BlacklineQ User Guide

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MARTIN AUDIO
LONDON

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Introduction

BlacklineQ is the latest evolution of Martin Audio's iconic Blackline Series, which has set the global standard for affordable professional loudspeakers for over 25 years. Known for their sound quality and reliability, Blackline loudspeakers have been trusted in a wide range of applications around the world.

This new generation includes improved passive two-way point source loudspeakers, all-new column speakers and a suite of subwoofers. Designed for flexibility, BlacklineQ is equally suited to portable use and permanent installation, whether for live sound, theatre, DJs, corporate events or fixed venues such as clubs, hospitality spaces, conference rooms and houses of worship.

The range includes:

- Four full-range speakers: Q8, Q10, Q12 and Q15
- Two column speakers: Q26 and Q44
- Three subwoofers: Q210, Q118 and Q218

All full-range and column loudspeakers in the BlacklineQ range feature Differential Dispersion horns for wide and consistent coverage.

In the Q8, Q10, Q12, and Q15 full-range loudspeakers, these horns are user-rotatable, allowing the loudspeakers to be installed in either portrait or landscape orientation while maintaining optimal dispersion. This flexibility also makes them ideal for use as stage monitors, with the horn rotated to upside-down landscape to suit floor placement.

The Q26 and Q44 column speakers also use Differential Dispersion technology but are designed exclusively for portrait orientation.

All BlacklineQ models are available in black, while the column speakers and the Q210 subwoofer are available in black or white.

Accessories

A range of optional accessories supports flexible deployment, including wall brackets, portrait yokes, eyebolts for flying, transit covers and an adjustable pole mount. These accessories make it easy to adapt BlacklineQ systems to a variety of environments and installation requirements.

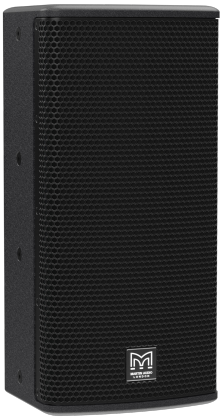
BlacklineQ full-range loudspeakers

The BlacklineQ full-range loudspeakers, Q8, Q10, Q12 and Q15, are passive two-way systems designed for professional portable and installed sound applications. Each model features a user-rotatable Differential Dispersion horn, allowing for horizontal or vertical orientation depending on deployment needs. This ensures wide, consistent coverage and optimal performance across a variety of environments. The rotatable horn also enables these models to be used as monitor wedges, providing flexible solutions for stage monitoring.

Constructed from durable plywood and finished in tough black textured paint, all models include a screw-tight steel grille and a pole-mount socket with a removable cover to maintain clean lines in installed setups. The Q8 features M6 inserts for the wall bracket and M8 inserts for portrait yokes or eyebolt suspension. The Q10, Q12 and Q15 use M8 inserts for all mounting options including wall brackets, portrait yokes and eyebolt suspension. In all cases, the inserts can also be used as secondary safety attachment points.

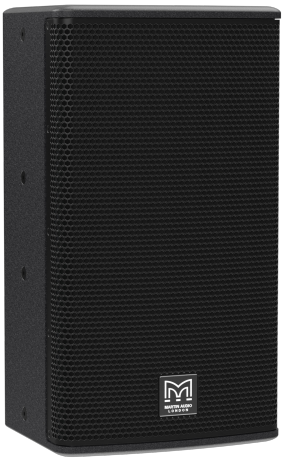
These loudspeakers can be used as standalone systems or paired with BlacklineQ subwoofers for extended low-frequency performance. They are recommended for use with a processor and amplifier, such as a DX processor with a VIA amplifier, or an iKON amplifier with integrated processing.

Blackline Q8



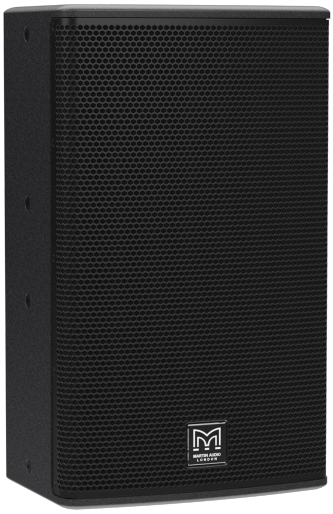
The Q8 features an 8” (200 mm) LF driver with a 2” (50 mm) voice coil and a 1” (25 mm) exit HF compression driver with a 1” (25 mm) dome. It delivers a peak SPL of 121 dB (127 dB with crest factor 4) and is ideal for distributed sound reinforcement, AV events, houses of worship and compact stage monitoring. Q8 is available in black only.

Blackline Q10



Q10 includes a 10” (250 mm) LF driver with a 2.5” (63 mm) voice coil and a 1” (25 mm) exit HF compression driver with a 1.4” (36 mm) dome. It delivers a peak SPL of 125 dB (131 dB with crest factor 4), making it suitable for music bars, clubs and other high-output environments where space is limited. Q10 is available in black only.

Blackline Q12



Q12 is equipped with a 12” (300 mm) LF driver with a 2.5” (63 mm) voice coil and a 1” (25 mm) exit HF compression driver with a 1.7” (43 mm) dome. It delivers

a peak SPL of 127 dB (133 dB with crest factor 4) and offers powerful performance for dancefloors and sound reinforcement applications. Q12 is available in black only.

Blackline Q15

Blackine Q15 is a significant upgrade over its predecessor, delivering enhanced performance and wider coverage, and features a die-cast aluminium chassis for improved thermal conductivity and more efficient motor cooling. It includes a 15” (380 mm) LF driver with a 4” (102 mm) voice coil and a 1.4” (35 mm) exit HF compression driver with a 3” (75 mm) dome. With a peak SPL of 133 dB (139 dB with crest factor 4), it delivers maximum output and coverage, making it ideal for demanding portable and installed applications. Q15 is available in black only.

BlacklineQ column speakers

The BlacklineQ column loudspeakers, Q44 and Q26, are designed for applications where clarity, control and discreet aesthetics are essential. Both models deliver wide, consistent coverage using Differential Dispersion horns, making them ideal for speech reinforcement and musical playback in performance venues, corporate events and houses of worship.

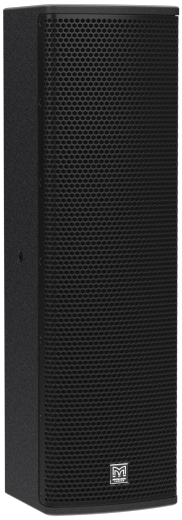
Each enclosure is constructed from durable plywood and finished in hard-wearing black or white paint. A screw-tight steel grille protects the drivers. M6 inserts are provided for wall brackets, while M8 inserts support portrait yokes or eyebolt suspension. The M6 and M8 fittings can also be used as secondary safety attachment points. A pole-mount socket with a removable cover maintains clean lines when not in use.

Both models can be used as standalone systems or paired with the Blackline Q210 subwoofer for extended low-frequency performance. The Q210 is available in black or white, enabling you to create a unified pole-mounted system in either colour. We recommend using the Q44 and Q26 with a processor and amplifier, such as a DX processor paired with a VIA amplifier, or an iKON amplifier with integrated processing.

Blackline Q44

Q44 features four 4” (100 mm) LF drivers with 1.5” (38 mm) voice coils and a 1” (25 mm) exit HF compression driver. It delivers a peak SPL of 119 dB (or 125 dB with a crest factor of 4) from a compact, elegant enclosure. The Q44 is well suited to rental and installed applications where refined musicality and extended bandwidth are required. Q44 is available in black and white.

Blackline Q26



The Q26 features dual 6” (150 mm) LF drivers with 1.5” (38 mm) voice coils and a 1” (25 mm) exit HF compression driver. It delivers a higher peak SPL of 125 dB (or 131 dB with a crest factor of 4), making it a powerful option for applications requiring greater output from a compact footprint. Q26 is available in black and white.

BlacklineQ subwoofers

The BlacklineQ subwoofers, Q210, Q118 and Q218, are designed to extend low-frequency performance across the series, offering scalable solutions for portable and installed sound systems. Each model is housed in a durable plywood enclosure with a perforated steel grille and slot ports to reduce turbulence and enhance efficiency.

All three models feature a screw-in M20 pole-mount fitting (1.4" / (35 mm) for secure and seamless integration with BlacklineQ full-range loudspeakers. Two signal link outputs, positioned at the top and bottom of the enclosure when oriented vertically, allow for flexible and discreet cable management. Rubber feet and top-surface recesses ensure stable stacking, and ergonomic side handles support easy handling. Q118 and Q218 also support an optional castor kit for improved portability.

Crossover and EQ functions can be managed using DX0.4, DX0.6 or DX4.0 system controllers, or the onboard DSP of an iKON amplifier.

Blackline Q210

Q210 is a slimline, dual-driver subwoofer designed for visually discreet applications. It features two 10" (250 mm) drivers with 2" (50 mm) voice coils and delivers a peak SPL of 133 dB (139 dB with crest factor 4), extending system response down to 49 Hz. It can be deployed singly, stacked or flown using integral M8 inserts.

Q210 is available in black and white finishes. The black version allows you to pair Q210 with Q8 or with black versions of the column loudspeakers Q44 and Q26. The white version allows you to create an all-white system by pairing it with white versions of the column loudspeakers Q44 and Q26.

Blackline Q118

Q118 is a compact, high-performance subwoofer featuring an 18" (460 mm) driver with a 4" (100 mm) voice coil. It delivers a peak SPL of 136 dB (142 dB with crest factor 4) and extends system response down to 38 Hz. It can be used individually, stacked or flown via M10 inserts. Castors are available as an optional accessory. Q118 is available in black only.

Note that two Q118 subwoofers are equivalent to one Q218.

Blackline Q218

Q218 is a high-output, dual-driver subwoofer with two 18” (460 mm) drivers and 4” (100 mm) voice coils. It delivers a peak SPL of 142 dB (148 dB with crest factor 4) and extends system response down to 38 Hz. Designed for demanding applications, it can be deployed singly, stacked or flown using M10 inserts. Castors are available as an optional accessory. Q218 is available in black only.

Note that one Q218 is equivalent to two Q118 subwoofers.

Connecting BlacklineQ

Connecting Q8, Q10, Q12 and Q15

The BlacklineQ full-range loudspeakers, Q8, Q10, Q12 and Q15, have two NL4 sockets on the rear panel, labelled INPUT and LINK. Despite the labels, the two sockets are the same, so you can use them either way round. However, we recommend you use them as labelled to simplify cabling checks. For both sockets, the pins connect as follows:

- Pins 1+/1– input to the speaker and link through to pins 1+/1– of the other socket.
- Pins 2+/2– link through to pins 2+/2– of the other socket.

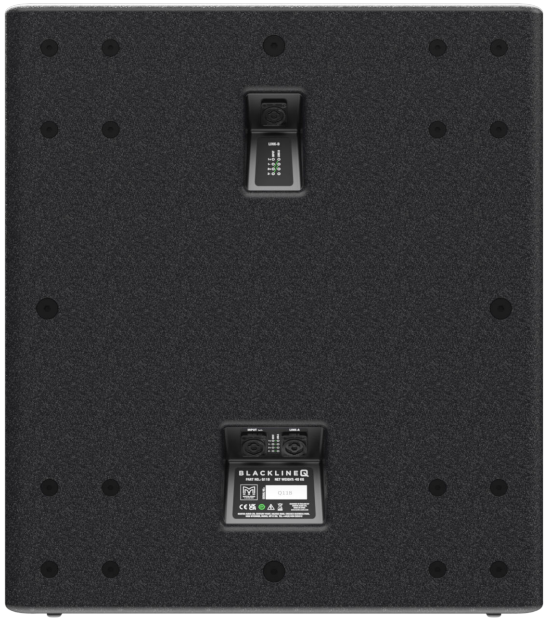
Connecting column speakers

The BlacklineQ column speakers, Q26 and Q44, have one NL4 socket on the rear panel, labelled INPUT. The pins connect as follows:

- Pins 1+/1– input to the speaker.
- Pins 2+/2– are unused.

Connecting subwoofers

The three BlacklineQ subwoofers, Q210, Q118 and Q218, have three NL4 sockets on the rear panel, labeled INPUT, LINK A and LINK B.



When the subwoofer is orientated with the pole mount at the top, the connectors are arranged as follows:

- INPUT and LINK A are located as a pair at the bottom rear.
- LINK B is positioned at the top rear.

This layout allows for a short, tidy speaker cable run from LINK B to a full-range or column loudspeaker mounted on a pole above the subwoofer.

INPUT and LINK A

The pair of sockets labeled INPUT and LINK A are the same, so you can use them either way round. However, we recommend you use them as labelled to simplify cabling checks. For both these sockets, the pins connect as follows:

- Pins 1+/1– input to the speaker and link through to pins 1+/1– of the other socket.
- Pins 2+/2– link through to pins 2+/2– of the other socket.

LINK B

The LINK B pins connect as follows:

- Pins 1+/1– connect from input 2+/2–.
- Pins 2+/2– are unused.

Rotating the horn

We supply Blackline Q8, Q10, Q12 and Q15 ready for installation in portrait. Before using in landscape, you need to rotate the horn through 90°.

> The BlacklineQ column speakers, Q44 and Q26, are designed for use in portrait only, so don't rotate the horns on these models.

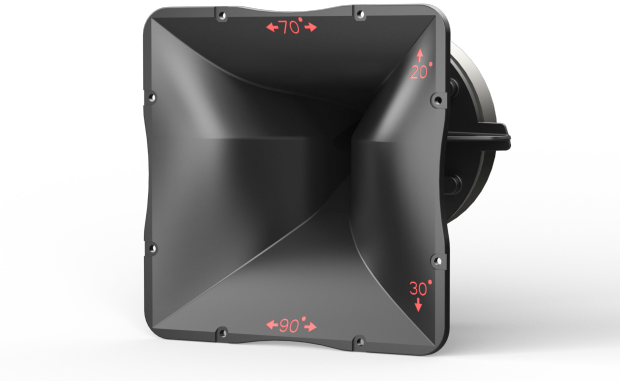
To use BlacklineQ speakers as monitor wedges, configure them for landscape orientation but with the horn upside down. This setup ensures optimal dispersion for stage monitoring. For details, see Using as monitor wedges (page 16).

Rotating the horn is straightforward for Q8, Q10 and Q12. For the Q15, the procedure is slightly more complex, as explained below.

Note that if you lose any of the screws or washers, you can source replacements using the details at the end of this section (page 13).

To rotate the horn

1. Unscrew the grille using a 3 mm hex key (H3). Keep the screws safe for reassembly.
2. Remove the grille.
3. Unscrew the eight bolts and washers securing the horn using a 3 mm hex key (H3). Keep the bolts and washers safe, taking care not to drop them into the speaker.
4. Arrange the speaker in landscape with the horn on the left or right, as preferred.
5. Lift the horn and rotate it by 90° so that the text showing the dispersion is the right way up, as shown for the Q15 horn below:

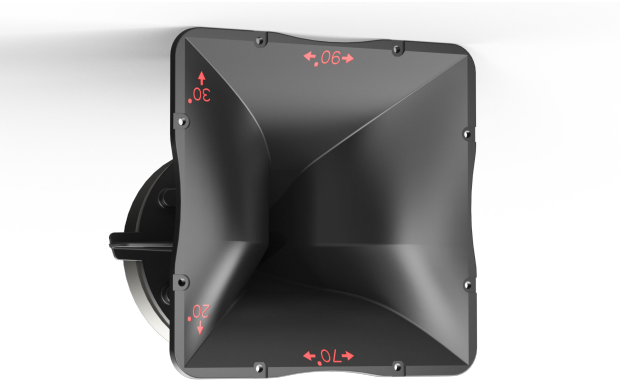


The text on the Q15 horn shows that:

- Horizontal dispersion is 70° at the top (on axis) and 90° at the bottom (15° below axis).
- Vertical dispersion is 20° above axis and 30° below axis.

For dispersion values for the other speakers, see Specifications (page 35).

If you're using the loudspeaker as a monitor wedge, rotate the horn by 90° so that the text is upside down. This will give you the correct dispersion for monitor use.



> For rotating the Q15 horn, see the detailed instructions below.

6. Reattach the horn using the eight bolts and washers (torque 2 to 2.5 Nm).
7. Before refitting the grille, make sure that the Martin Audio badge will be next to the low-frequency driver, rather than the horn. If the badge is near the horn, it will partially obstruct the high-frequency dispersion.

To ensure correct speaker orientation, rotate the Martin Audio badge to match the orientation of the text labels on the horn. When you install the speaker with the badge the right way up, the dispersion will be correct (as long as the badge hasn't been rotated).

If you're using the loudspeaker as a monitor wedge, rotate the badge so that it is upright when the text labels on the horn are upside down. When you use the monitor with the badge the right way up, the dispersion will be correct for monitor use.

8. Replace the grille and screw it back into place (torque 2 to 2.5 Nm).

To rotate the Q15 horn

1. Follow steps 1 to 4 in the section above.
2. Position the Q15 so the top of the speaker is facing you.
3. Put your fingers on both sides of the horn, at the end closest to you, and lift from here. Note that the horn is heavy.

Don't attempt to lift the Q15 horn from the far end, as it will lock in place and prevent you from lifting it.

4. Lift the horn a few centimeters (or inches), then rotate it by a quarter turn while continuing to lift. This prevents the driver from catching on the frame.
5. Rotate the horn by 90°. You can rotate it in either direction, depending on whether you want the horn positioned on the left or right. Ensure the text on the horn is correctly orientated: upright for standard use or upside down for monitor use, as described above.
6. Repeat the quarter turn procedure backwards as you lower the horn back into place.
7. Follow steps 6 to 8 in the section above to reattach the horn and grille.

Make sure you rotate the Martin Audio badge correctly, as explained above.

Grille and horn screws

Grille screws for Q8, Q10, Q12 and Q15	10 x Machine screws, M4 x 12 mm, countersunk head, hex socket drive, A2 stainless steel, black finish (PX3 or equivalent)
Horn screws for Q8, Q10 and Q12	8 x Machine screws, M5 x 25 mm, button head, hex socket drive, A2 stainless steel, black finish (PX3 or equivalent)
Horn screws for Q15	8 x Machine screws, M5 x 30 mm, button head, hex socket drive, A2 stainless steel, black finish (PX3 or equivalent), ISO 7380
Washers for horn screws for Q8, Q10, Q12 and Q15	8 x Washers, M5, external serrated locking, A2 stainless steel, black finish (PX3 or equivalent)

Mounting BlacklineQ

You can mount BlacklineQ loudspeakers and columns in the following ways:

- **Freestanding use** – Place BlacklineQ loudspeakers on floors, stages or subwoofers. You can stand Q8, Q10, Q12 and Q15 in portrait or landscape orientation. Stand the Q26 column in portrait only. The Q44 column isn't stable enough for freestanding use, so you must always mount the Q44. For details, see Freestanding use (page 15).
- **Monitor wedge use** – Use any of the Q8, Q10, Q12 and Q15 loudspeakers as a monitor wedge. For details, see Using as monitor wedges (page 16).
- **Pole mounting** – Mount loudspeakers and columns on pole stands or on poles fitted to subwoofers. This method supports portrait orientation only. Alternatively, mount the loudspeaker or column on a portrait yoke before placing it on the pole. This yoke and pole setup lets you adjust the tilt of the top box to improve coverage. For details, see Pole mounting (page 17).
- **Wall bracket mounting** – Attach loudspeakers and columns directly to walls for fixed installations. Mount Q8, Q10, Q12 and Q15 in either portrait or landscape orientation. Mount Q44 and Q26 columns in portrait only. For details, see Wall mounting (page 19).
- **Portrait yoke mounting** – Mount loudspeakers and columns in portrait orientation on truss and ceilings. For details, see Portrait yoke mounting (page 21).
- **Flying with eye bolts** – Suspend loudspeakers, columns and subwoofers using wires or chains. Fly Q8, Q10, Q12 and Q15 in either portrait or landscape orientation. Fly Q44 and Q26 columns in portrait only. For details, see Flying with eye bolts (page 23).

Secondary safety cable

When you install BlacklineQ loudspeakers and columns using wall brackets, yokes or eye bolts, we recommend that you use a secondary safety cable. If the loudspeaker or column is on a yoke, use a chain or steel rope attached directly to the cabinet, not to the yoke.

Attaching safety cable to the cabinet

- Q8, Q10, Q12, Q15: Use one of the six wall bracket holes. If the speaker is mounted on a wall bracket, the bracket uses four of the six holes, so you can attach the safety cable to one of the spare holes.

  ⚠ For Q8, the M6 bolt must have a thread length of at least 25 mm.

  For Q10, Q12 and Q15, the M8 bolt must have a thread length of at least 30 mm.

- Q44, Q26: Use the single M6 insert just above the four wall bracket holes. This insert is specifically designed as a secondary safety mounting point.

  ⚠ For Q44 and Q26, the M6 bolt must have a thread length of at least 30 mm.

Attaching safety cable to an anchoring point

Attach the other end of the safety cable to a suitably rated anchoring point that is a permanent part of the building structure.

With a yoke attached to truss or scaffold bar, you could attach the safety cable to the same truss or bar, provided it is a permanent fixture and not part of temporary rigging. If in doubt, check your local safety regulations.

Freestanding use

You can place BlacklineQ loudspeakers on floors, stages or subwoofers. With the Q8, Q10, Q12 and Q15, you can position the loudspeaker in three ways:

- In portrait.
- In landscape on its side.
- In landscape at a 45° angle, resembling a monitor wedge (page 16).

Before using these loudspeakers in landscape, you need to rotate the horn. For details, see Rotating the horn (page 12).

If you're using the speaker for front fill in a 45° landscape position, rotate the horn to either standard landscape or upside-down landscape orientation. Choose the horn orientation based on the speaker's position relative to the audience and the coverage you want to achieve. Even though the speaker looks like a monitor wedge, use the standard preset, adjusting as needed. Don't use the monitor preset for front fill applications.

Freestanding columns

You can stand the Q26 column speaker, but not the Q44. Stand the Q26 in portrait orientation only.

Don't stand the Q44 column speaker as it isn't stable enough for freestanding use. Always mount the Q44.

Using as monitor wedges

You can use any BlacklineQ loudspeaker Q8, Q10, Q12 and Q15 as a monitor wedge. All you need to do is:

1. Rotate the horn for upside-down landscape use (page 12). This gives the correct coverage.
2. Load the monitor preset (page 32). This optimises the loudspeaker's processing for stage monitoring.

When you rotate the horn, decide whether you want the horn on the left or right side. Once you have chosen, always use the monitor in that orientation.

After you rotate the horn and fit the grille, you won't be able to check the horn's orientation quickly. So before fitting the grille, rotate the Martin Audio badge to show which way up to the monitor should sit on stage. If there's a chance someone might rotate the badge when you're not looking, consider adding an orientation label to the back of the loudspeaker as a backup.

Using a pair of monitor wedges

In a setup where a performer uses two monitors with the horns positioned on the outside of the pair, rotate the horns (page 12) so that the two monitors have opposite horn orientations. From the performer’s point of view, the monitor on the left will have the badge on the right, and the monitor on the right will have the badge on the left.

To position this pair of monitors quickly, arrange them so that the badges are the right way up and are on the inside of the pair.

Pole mounting

You can mount BlacklineQ loudspeakers or columns on pole stands or on poles fitted to BlacklineQ subwoofers. For example, here is a Q10 mounted on a pole stand:

Here is a Q26 pole mounted on a Q210:

Portrait only

Each BlacklineQ loudspeaker and column has a standard 35 mm top-hat fitting on the base of the cabinet, so you can only pole mount them in portrait. The top-hat fittings have removable covers.

Each BlacklineQ subwoofer has an M20 threaded insert, so you need a screw-mounted pole such as the wind-up pole ASF20071 (page 59). On the Q210 and Q218, this fitting is on the top when the cabinet is in portrait, so you can only pole mount with these subwoofers in portrait.

To pole mount BlacklineQ

1. Position the loudspeaker or column so you can access the base.
2. Use a flat-headed screwdriver to gently prise off the cover from the top-hat pole mount.
3. If you're mounting on a subwoofer, screw the pole into the M20 threaded insert and make sure it's secure. Take note of the maximum pole lengths in the table below.
4. Mount the loudspeaker or column on the pole.

When you pole mount speakers, always make sure the surface is flat and stable.

BlacklineQ speakers pole mounted on subwoofers

Combination	Max height	Max pole length	Wind-up pole ASF20071 suitable
Q44 + Q210 + Q210OUTRIG	2 m (6 ft 7 in)	558 mm (22.0 in)	No
Q26 + Q210 + Q210OUTRIG	2 m (6 ft 7 in)	694 mm (27.3 in)	No
Q8 + Q210 + Q210OUTRIG	2 m (6 ft 7 in)	865 mm (34.1 in)	Yes
Q8 + Q118	2.2 m (7 ft 2.6 in)	1183 mm (46.6 in)	Yes
Q10 + Q118	2.2 m (7 ft 2.6 in)	1138 mm (44.8 in)	Yes
Q12 +Q118	2.2 m (7 ft 2.6 in)	1083 mm (42.6 in)	Yes
Q12 + Q218	2.2 m (7 ft 2.6 in)	483 mm (19.0 in)	No
Q15 + Q118	2 m (6 ft 7 in)	788 mm (31.0 in)	Yes
Q15 + Q218	2.2 m (7 ft 2.6 in)	388 mm (15.3 in)	No

The table above shows the BlacklineQ speaker and subwoofer combinations that we support.

⚠ Don't use any other BlacklineQ speaker and subwoofer combinations.

To ensure stability, the maximum height from the ground to the top of the loudspeaker must not exceed the value shown. The table also lists the maximum pole length that gives this height. The pole length includes the section inside the top-hat fitting but excludes the threaded section that screws into the subwoofer. For some combinations, the maximum pole length is shorter than the minimum length of the wind-up pole ASF20071 (page 59), so this pole is unsuitable in those cases (shown as "No" above).

⚠ Don't use loudspeaker support poles longer than the values specified above.

Q210OUTRIG accessory

If you pole mount a loudspeaker or column on a Q210 subwoofer, you must fit a Q210OUTRIG accessory to ensure safe and stable operation. This is because the Q210 in portrait is tall and narrow.

⚠ When pole mounting on Q210, you must use the Q210OUTRIG accessory.

If you're using the Q210 without a pole, you can use this subwoofer in landscape or portrait without this accessory.

To install the Q210OUTRIG accessory

1. Lay the Q210 on its back so that you can access the base of the subwoofer.
2. Find the two round fittings in the Q210OUTRIG accessory kit and bolt these two fittings to the base. Note that the base is the end without the pole mounting plate.
3. Attach the Q210OUTRIG bracket by placing it over the two round fittings and sliding it upwards until it engages securely.
4. Lift the subwoofer onto its feet.
5. Screw the pole into the top of the Q210 and mount the speaker or column.

For transporting the Q210, remove the Q210OUTRIG by simply detaching the bracket. You can leave the two round fittings attached to the Q210.

Pole mounting with a yoke

As an alternative to the top hat fitting, you can pole mount any BlacklineQ loudspeaker or column using a portrait yoke on a pole. This configuration allows you to adjust the tilt of the loudspeaker or column to improve coverage. In this configuration, the yoke sits below the speaker and connects to the top of the pole using the Martin Audio pole mount adaptor ASF20045.

For yoke mounting instructions, see Portrait yoke mounting (page 21).

Wall mounting

You can wall mount BlacklineQ loudspeakers and columns using optional accessory wall brackets. You can wall mount the loudspeakers Q8, Q10, Q12 and Q15 in portrait or landscape orientation.

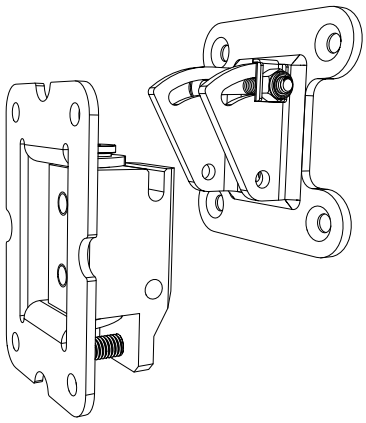
When mounting BlacklineQ loudspeakers in landscape, you must rotate the horn (page 12) to maintain the correct dispersion and performance.

You must only install Q44 and Q26 column speakers in portrait.

To tilt Q44 and Q26 column speakers mounted on a wall, you must fit wall bracket spacers (page 51). Without spacers, the connector blocks the speaker from tilting. To achieve 15 degrees down tilt, you need two spacers.

Each bracket consists of two parts:

- **Wall section** – this is rectangular and mounts to the wall.
- **Cabinet section** – this is roughly square and attaches to the loudspeaker.



During installation, a horizontal bolt on the cabinet section slots into a notch on the wall section. This clever design supports the weight of the loudspeaker while you secure the two sections of the bracket.

There are three sizes of wall bracket for BlacklineQ:

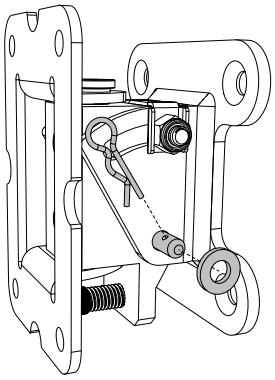
- WB6/8 (page 49) for Q8, Q26 and Q44.
- WB10/12 (page 50) for Q10 and Q12.
- WB15 (page 52) for Q15.

These brackets are similar, but the WB10/12 and WB15 models are larger and more robust to support the heavier Q10, Q12, and Q15 loudspeakers. The installation process is the same for all three bracket types.

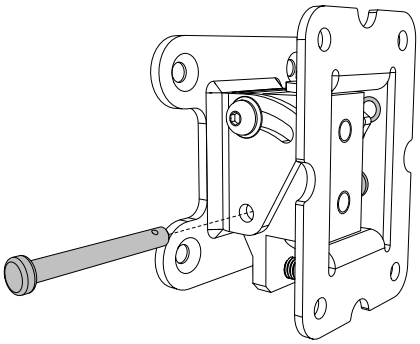
Each bracket provides tilt and pan adjustment for precise loudspeaker positioning. With WB6/8 and WB10/12, you can increase the available tilt and pan by using one or two spacers behind each wall bracket. To allow tilt adjustment with Q44 and Q26 columns, you must use these spacers. For details, see Wall bracket spacers (page 51).

To wall mount BlacklineQ

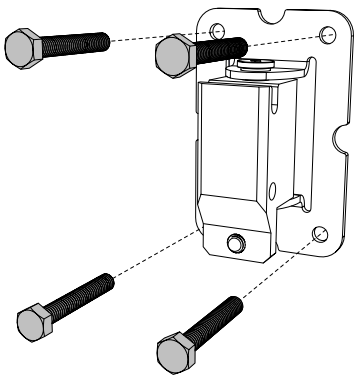
1. Depending on your bracket type, the lower bolt will be secured either with an R-clip and washer (as shown below) or with a nut. Remove this fitting, but don't remove the upper nut and bolt in the curved slot.



2. Remove the lower bolt.



3. Separate the two parts of the bracket.
4. Attach the wall section to the wall. Note that the wall section is rectangular while the cabinet section is square. The grub screw needs to be at the bottom and the sideways notch at the top.



Make sure you use wall fixings that are appropriate for the wall material and the weight of the speaker.

Wall section mounting hole specifications:

- Q8, Q44 and Q26: wall section has four holes with a diameter of 7 mm (0.28 in).
- Q10 and Q12: wall section has four holes with a diameter of 9 mm (0.35 in).
- Q15: wall section has six holes with a diameter of 11 mm (0.43 in).

To allow tilt with Q44 and Q26, you must use spacers (page 51).

5. If you are installing in landscape, rotate the horn (page 12). For the column speakers, Q44 and Q26, you must install in portrait.
6. Remove (and keep) four screws from the rear of the cabinet.
   - For Q8, Q44 and Q26, use a 4 mm hex key (H4).
   - For Q10, Q12 and Q15, use a 5 mm hex key (H5).

   For Q8, Q10, Q12 and Q15, there are six wall bracket screws:
   - For portrait, remove the lower four screws, as this will allow you more downwards tilt of the speaker.
   - For landscape, remove the four screws in the middle of the cabinet.

   For Q44 and Q26, there are only four screws, so there is no choice of which screws to remove.
7. Attach the cabinet section of the bracket (the square section) to the speaker using the screws from the cabinet. Make sure that the bolt part of the bracket is horizontal.

   Torque: 5 Nm
8. As necessary, install a secondary safety cable (page 14).
9. Lift the speaker up to the bracket and hook the horizontal bolt into the notch of the wall section.

   The bracket will now hold the speaker in place.

> ⚠ When working at height, you must use appropriate safety measures.
>
> A scaffold tower or lifting platform will allow you to use both hands safely.

10. Replace the lower fastening. If it is a pin, fix it in place with the washer and R-clip. If it is a bolt, fix it in place with the nut.
11. Loosen the vertical bolt (using an M5 hex key) and adjust the speaker horizontally on this bolt.
12. Loosen the upper horizontal bolt.
13. Adjust the vertical position using the grub screw.
14. Connect the loudspeaker cable (page 11).
15. Check the coverage using an audio source and make final adjustments to the vertical and horizontal positions.
16. When you have found the best position, tighten the vertical and horizontal bolts.

Portrait yoke mounting

BlacklineQ yokes let you mount loudspeakers and columns in portrait orientation on ceilings, truss or scaffold bars. You can also mount BlacklineQ yokes on poles, allowing you to adjust the tilt of pole-mounted loudspeakers or columns for optimum coverage. For details, see Pole mounting (page 17).

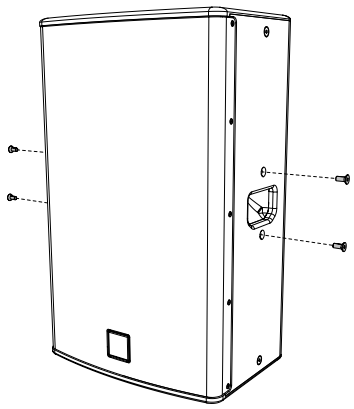
To mount yokes on truss or scaffolding you will also need a third-party truss clamp or other suitable hardware. Attach the BlacklineQ yoke to the hardware using the central 13 mm (0.51 in) hole and an M12 or 1/2 inch bolt (not supplied).

The yokes for the BlacklineQ loudspeakers are slightly different from the yokes for the columns, as explained in the sections below.

For technical details of the yokes, see Technical details of accessories (page 49).

To attach Q8, Q10, Q12 and Q15 yokes

1. At the end of each yoke arm is a bracket with two holes. Arrange each bracket into a T shape, so that all four holes are visible.
2. Stand the cabinet on its base and unscrew two bolts from the middle of each side using a 5 mm hex key (H5).

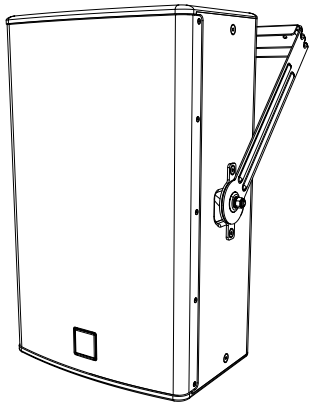


3. Attach the yoke using four bolts (torque 5 Nm).

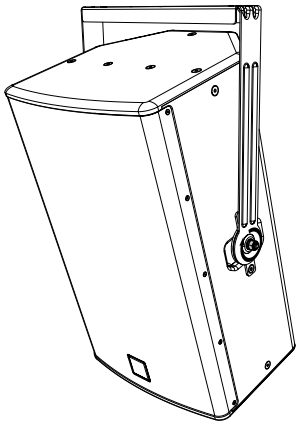
> For permanent installation we recommend applying a thread-locking agent such as Loctite 243.

For Q8, Q10 and Q12, use the four bolts from the cabinet.

For Q15, use the longer bolts supplied with the yoke. The bolts in the side of the Q15 are shorter, so that they don't protrude into the handle space. These shorter bolts are unsuitable for attaching the Q15 yoke.



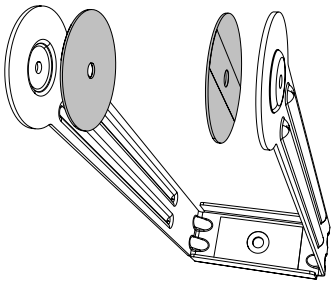
4. Loosen the two pivot bolts using a 17 mm spanner or socket wrench, set the desired yoke angle and then retighten the bolts (torque 5 Nm).

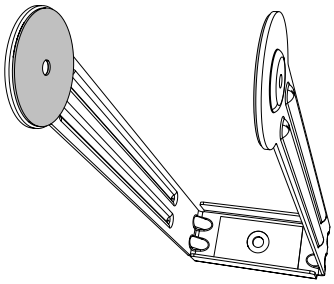


5. As necessary, install a secondary safety cable (page 14). Attach this cable to the cabinet and not the yoke.

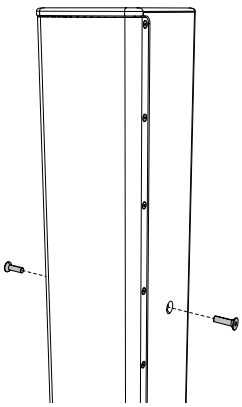
To attach Q26 and Q44 yokes

1. The Q26 and Q44 yoke kits includes two round, self-adhesive pads. Peel off the backings and stick these pads to the inside faces of the yoke arms.





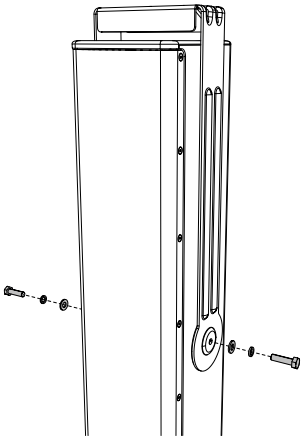
2. Remove the central bolt from each side of the cabinet using a 5 mm hex key (H5).



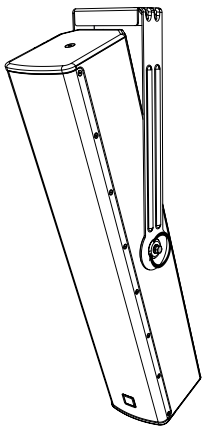
3. Attach the yoke to the cabinet using the fittings from the yoke kit and a 13 mm spanner or socket wrench.

   Order of fittings: yoke, flat washer, spring washer, bolt.

> For permanent installation we recommend applying a thread-locking agent such as Loctite 243.



4. Set the desired yoke angle and tighten the bolts (torque 5 Nm).



5. As necessary, install a secondary safety cable (page 14). Attach this cable to the cabinet and not the yoke.

Flying with eye bolts

You can fly BlacklineQ speakers, columns and subwoofers using Martin Audio shouldered eye bolts and steel rope or chains. This allows you to suspend individual speakers from suitable fixings in the ceiling or from trusses or scaffolding bars.

You can fly Q8, Q10, Q12 and Q15 in portrait or landscape. For landscape, you must rotate the horn (page 12). The most common flying method for these speakers is to use two positions on the top as the primary suspension points and the third at the rear providing downward tilt.

The column speakers Q26 and Q44 are for portrait use only, so you must fly these in portrait. These speakers have one flying point in the top.

The rigging method and components must be suitable for both the weight of the speaker and the suspension points.

Eye bolt sizes

- Q8, Q10, Q12, Q15, Q26, Q44 and Q210

  M8 eye bolt HTKCT05 (page 59)
- Q118 and Q218

  M10 eye bolt HTKCT06 (page 59)

Don't use eye bolts from other manufacturers, as this could be dangerous.

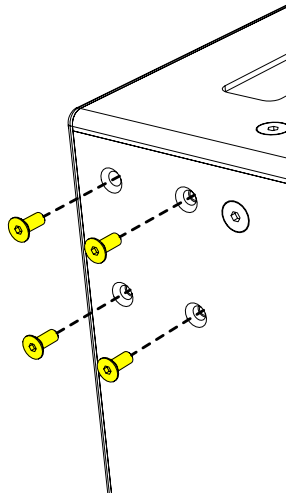
Forged-steel eye bolts available from DIY suppliers are **not** strong enough. Even cast or machined eye bolts rated for purpose can be unsuitable, as they can have wide shoulders that cause the bolt to tighten against the cabinet rather than the thread.

Fitting castors

To fit castors to the Q118 or Q218 you need an optional WHEELKIT (page 59) accessory. This is a set of four swivel castors along with all required bolts and washers.

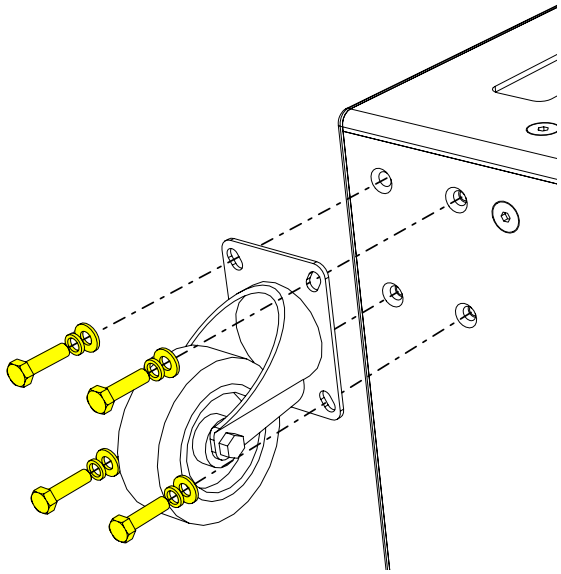
To fit castors

1. Remove the M8 counter-sunk screws from the back of the Q118 or Q218.



2. Bolt each castor in place using the fittings from the kit.

   Order of fittings: cabinet, castor, flat washer, spring washer, bolt.



⚠ Make sure you use the bolts from the kit. The screws from the cabinet aren't suitable.

Amplifiers

For a small BlacklineQ system, we recommend using Martin Audio VIA amplifiers. These provide efficient, high-quality amplification suitable for compact setups.

For larger systems, iKON amplifiers offer advanced processing and greater power handling, making them ideal for more demanding applications.

For recommended amplifiers, see Recommended amplifiers (page 26).

For details of amplifier compatibility, see Amplifier compatibility (page 27).

VIA amplifiers

We have four VIA amplifiers, two with two channels and two with four channels.

Amplifier	Power output
VIA2004	4 x 500 W into 4 ohm
	4 x 250 W into 8 ohm
VIA2502	2 x 1,250 W into 2 ohm
	2 x 800 W into 4 ohm
	2 x 450 W into 8 ohm
	1 x 2,500 W bridged into 4 ohm
	1 x 1,600 W bridged into 8 ohm
VIA5002	2 x 2,500 W into 4 ohm
	2 x 1,600 W into 8 ohm
VIA5004	4 x 1,250 W into 2 ohm
	4 x 800 W into 4 ohm
	4 x 450 W into 8 ohm
	2 x 2,500 W bridged into 4 ohm
	2 x 1,600 W bridged into 8 ohm

For further details, visit martin-audio.com.

iKON amplifiers

We have three iKON amplifiers, two with four channels and one with eight channels.

The iKON amplifiers have on-board system processing, so you don't need a separate system controller (page 32).

Amplifier	Power output
iK41	4 x 1,500 W into 2 ohm
	4 x 1,500 W into 4 ohm
	4 x 750 W into 8 ohm
	4 x 325 W into 16 ohm
	2 x 3,000 W bridged into 4 ohm
	2 x 3,000 W bridged into 8 ohm
iK42	4 x 5,000 W into 2 ohm
	4 x 3,000 W into 4 ohm
	4 x 1,500 W into 8 ohm
	4 x 750 W into 16 ohm
	2 x 10,000 W bridged into 4 ohm
	2 x 6,000 W bridged into 8 ohm
iK81	8 x 1,250 W into 2 ohm
	8 x 1,250 W into 4 ohm
	8 x 1,250 W into 8 ohm
	8 x 625 W into 16 ohm
	4 x 2,500 W bridged into 4 ohm
	4 x 2,500 W bridged into 8 ohm

For further details, visit martin-audio.com.

Recommended amplifiers

	VIA2004	VIA2502	VIA5004	VIA5002	iK41	iK42	iK81
Q8	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Q10		Yes	Yes	Yes	Yes	Yes	Yes
Q12		Yes	Yes	Yes	Yes	Yes	Yes
Q15				Yes		Yes	Yes
Q26		Yes	Yes	Yes	Yes	Yes	Yes
Q44	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Q210	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Q118				Yes		Yes	Yes
Q218				Yes		Yes	

For details of amplifier compatibility, see Amplifier compatibility (page 27).

Amplifier compatibility

Q8 amplifier compatibility

Amplifier	Channels	Channels used	One speaker per channel (8 ohm)	Two speakers per channel (4 ohm)	Three speakers per channel (2.67 ohm)	Four speakers per channel (2 ohm)
iK41	One channel	1 of 4	Yes	Yes	Yes	–0.3 dB
	Two channels bridged	2 of 4	NN	NN	NN	No
iK42	One channel	1 of 4	Yes	Yes	Yes	Yes
	Two channels bridged	2 of 4	NN	NN	NN	NN
iK81	One channel	1 of 8	Yes	Yes	Yes	–1.1 dB
	Two channels bridged	2 of 8	NN	NN	NN	No
VIA5004	One channel	1 of 4	Yes	Yes	–1.1 dB	–1.1 dB
	Two channels bridged	2 of 4	NN	NN	No	No
VIA2502	One channel	1 of 2	Yes	Yes	–1.1 dB	–1.1 dB
	Two channels bridged	2 of 2	NN	NN	No	No
VIA5002	One channel	1 of 2	Yes	Yes	No	No
	Bridging not available	NA	NA	NA	NA	NA
VIA2004	One channel	1 of 4	–2.0 dB	–2.0 dB	No	No
	Bridging not available	NA	NA	NA	NA	NA

For explanation, see Amplifier compatibility legend (page 31).

Q10 amplifier compatibility

Amplifier	Channels	Channels used	One speaker per channel (8 ohm)	Two speakers per channel (4 ohm)	Three speakers per channel (2.67 ohm)	Four speakers per channel (2 ohm)
iK41	One channel	1 of 4	Yes	Yes	Yes	–1.2 dB
	Two channels bridged	2 of 4	NN	NN	NN	No
iK42	One channel	1 of 4	Yes	Yes	Yes	Yes
	Two channels bridged	2 of 4	NN	NN	NN	NN
iK81	One channel	1 of 8	Yes	Yes	–0.8 dB	–2.0 dB
	Two channels bridged	2 of 8	NN	NN	No	No
VIA5004	One channel	1 of 4	–0.5 dB	–1.0 dB	–2.0 dB	–2.0 dB
	Two channels bridged	2 of 4	Yes	Yes	No	No
VIA2502	One channel	1 of 2	–0.5 dB	–1.0 dB	–2.0 dB	–2.0 dB
	Two channels bridged	2 of 2	Yes	Yes	No	No
VIA5002	One channel	1 of 2	Yes	Yes	No	No
	Bridging not available	NA	NA	NA	NA	NA
VIA2004	One channel	1 of 4	No	No	No	No
	Bridging not available	NA	NA	NA	NA	NA

For explanation, see Amplifier compatibility legend (page 31).

Q12 amplifier compatibility

Amplifier	Channels	Channels used	One speaker per channel (8 ohm)	Two speakers per channel (4 ohm)	Three speakers per channel (2.67 ohm)	Four speakers per channel (2 ohm)
iK41	One channel	1 of 4	Yes	Yes	–0.8 dB	–2.0 dB
	Two channels bridged	2 of 4	NN	NN	No	No
iK42	One channel	1 of 4	Yes	Yes	Yes	Yes
	Two channels bridged	2 of 4	NN	NN	NN	NN
iK81	One channel	1 of 8	Yes	Yes	–1.6 dB	No
	Two channels bridged	2 of 8	NN	NN	No	No
VIA5004	One channel	1 of 4	–1.2 dB	–1.8 dB	No	No
	Two channels bridged	2 of 4	Yes	Yes	No	No
VIA2502	One channel	1 of 2	–1.2 dB	–1.8 dB	No	No
	Two channels bridged	2 of 2	Yes	Yes	No	No
VIA5002	One channel	1 of 2	Yes	Yes	No	No
	Bridging not available	NA	NA	NA	NA	NA
VIA2004	One channel	1 of 4	No	No	No	No
	Bridging not available	NA	NA	NA	NA	NA

For explanation, see Amplifier compatibility legend (page 31).

Q15 amplifier compatibility

Amplifier	Channels	Channels used	One speaker per channel (8 ohm)	Two speakers per channel (4 ohm)	Three speakers per channel (2.67 ohm)	Four speakers per channel (2 ohm)
iK41	One channel	1 of 4	No	No	No	No
	Two channels bridged	2 of 4	Yes	–0.3 dB	No	No
iK42	One channel	1 of 4	–0.3 dB	–0.3 dB	–0.3 dB	–1.1 dB
	Two channels bridged	2 of 4	Yes	Yes	No	No
iK81	One channel	1 of 8	–1.1 dB	No	No	No
	Two channels bridged	2 of 8	Yes	–1.1 dB	No	No
VIA5004	One channel	1 of 4	No	No	No	No
	Two channels bridged	2 of 4	Yes	–1.1 dB	No	No
VIA2502	One channel	1 of 2	No	No	No	No
	Two channels bridged	2 of 2	Yes	–1.1 dB	No	No
VIA5002	One channel	1 of 2	Yes	–1.1 dB	No	No
	Bridging not available	NA	NA	NA	NA	NA
VIA2004	One channel	1 of 4	No	No	No	No
	Bridging not available	NA	NA	NA	NA	NA

For explanation, see Amplifier compatibility legend (page 31).

Q44 amplifier compatibility

Amplifier	Channels	Channels used	One speaker per channel (8 ohm)	Two speakers per channel (4 ohm)	Three speakers per channel (2.67 ohm)	Four speakers per channel (2 ohm)
iK41	One channel	1 of 4	Yes	Yes	Yes	–0.3 dB
	Two channels bridged	2 of 4	NN	NN	NN	No
iK42	One channel	1 of 4	Yes	Yes	Yes	Yes
	Two channels bridged	2 of 4	NN	NN	NN	NN
iK81	One channel	1 of 8	Yes	Yes	Yes	–1.1 dB
	Two channels bridged	2 of 8	NN	NN	NN	No
VIA5004	One channel	1 of 4	Yes	Yes	–1.1 dB	–1.1 dB
	Two channels bridged	2 of 4	NN	NN	No	No
VIA2502	One channel	1 of 2	Yes	Yes	–1.1 dB	–1.1 dB
	Two channels bridged	2 of 2	NN	NN	No	No
VIA5002	One channel	1 of 2	Yes	Yes	No	No
	Bridging not available	NA	NA	NA	NA	NA
VIA2004	One channel	1 of 4	–2.0 dB	–2.0 dB	No	No
	Bridging not available	NA	NA	NA	NA	NA

For explanation, see Amplifier compatibility legend (page 31).

You can run several Q44 in parallel, but there is no link connection (page 11).

Q26 amplifier compatibility

Amplifier	Channels	Channels used	One speaker per channel (8 ohm)	Two speakers per channel (4 ohm)	Three speakers per channel (2.67 ohm)	Four speakers per channel (2 ohm)
iK41	One channel	1 of 4	Yes	Yes	–0.8 dB	–2.0 dB
	Two channels bridged	2 of 4	NN	NN	No	No
iK42	One channel	1 of 4	Yes	Yes	Yes	Yes
	Two channels bridged	2 of 4	NN	NN	NN	NN
iK81	One channel	1 of 8	Yes	Yes	–1.6 dB	No
	Two channels bridged	2 of 8	NN	NN	No	No
VIA5004	One channel	1 of 4	–1.2 dB	–1.8 dB	No	No
	Two channels bridged	2 of 4	Yes	Yes	No	No
VIA2502	One channel	1 of 2	–1.2 dB	–1.8 dB	No	No
	Two channels bridged	2 of 2	Yes	Yes	No	No
VIA5002	One channel	1 of 2	Yes	Yes	No	No
	Bridging not available	NA	NA	NA	NA	NA
VIA2004	One channel	1 of 4	No	No	No	No
	Bridging not available	NA	NA	NA	NA	NA

For explanation, see Amplifier compatibility legend (page 31).

You can run several Q26 in parallel, but there is no link connection (page 11).

Q210 amplifier compatibility

Amplifier	Channels	Channels used	One speaker per channel (4 ohm)	Two speakers per channel (2 ohm)
iK41	One channel	1 of 4	Yes	–0.3 dB
	Two channels bridged	2 of 4	NN	No
iK42	One channel	1 of 4	Yes	Yes
	Two channels bridged	2 of 4	NN	NN
iK81	One channel	1 of 8	Yes	–1.1 dB
	Two channels bridged	2 of 8	NN	No
VIA5004	One channel	1 of 4	Yes	–1.1 dB
	Two channels bridged	2 of 4	NN	No
VIA2502	One channel	1 of 2	Yes	–1.1 dB
	Two channels bridged	2 of 2	NN	No
VIA5002	One channel	1 of 2	Yes	No
	Bridging not available	NA	NA	NA
VIA2004	One channel	1 of 4	–2.0 dB	No
	Bridging not available	NA	NA	NA

For explanation, see Amplifier compatibility legend (page 31).

Q118 amplifier compatibility

Amplifier	Channels	Channels used	One speaker per channel (8 ohm)	Two speakers per channel (4 ohm)	Three speakers per channel (2.67 ohm)	Four speakers per channel (2 ohm)
iK41	One channel	1 of 4	No	No	No	No
	Two channels bridged	2 of 4	Yes	–0.3 dB	No	No
iK42	One channel	1 of 4	–0.3 dB	–0.3 dB	–0.3 dB	–1.1 dB
	Two channels bridged	2 of 4	Yes	Yes	No	No
iK81	One channel	1 of 8	–1.1 dB	No	No	No
	Two channels bridged	2 of 8	Yes	–1.1 dB	No	No
VIA5004	One channel	1 of 4	No	No	No	No
	Two channels bridged	2 of 4	Yes	–1.1 dB	No	No
VIA2502	One channel	1 of 2	No	No	No	No
	Two channels bridged	2 of 2	Yes	–1.1 dB	No	No
VIA5002	One channel	1 of 2	Yes	–1.1 dB	No	No
	Bridging not available	NA	NA	NA	NA	NA
VIA2004	One channel	1 of 4	No	No	No	No
	Bridging not available	NA	NA	NA	NA	NA

For explanation, see Amplifier compatibility legend (page 31).

Q218 amplifier compatibility

Amplifier	Channels	Channels used	One speaker per channel (4 ohm)	Two speakers per channel (2 ohm)
iK41	One channel	1 of 4	No	No
	Two channels bridged	2 of 4	–0.3 dB	No
iK42	One channel	1 of 4	–0.3 dB	–1.1 dB
	Two channels bridged	2 of 4	Yes	No
iK81	One channel	1 of 8	No	No
	Two channels bridged	2 of 8	–1.1 dB	No
VIA5004	One channel	1 of 4	No	No
	Two channels bridged	2 of 4	–1.1 dB	No
VIA2502	One channel	1 of 2	No	No
	Two channels bridged	2 of 2	–1.1 dB	No
VIA5002	One channel	1 of 2	–1.1 dB	No
	Bridging not available	NA	NA	NA
VIA2004	One channel	1 of 4	No	No
	Bridging not available	NA	NA	NA

For explanation, see Amplifier compatibility legend (page 31).

Amplifier compatibility legend

Yes	The amplifier channel can deliver the required power to achieve the full pink noise rated output of the loudspeaker, providing a reasonable amount of headroom for dynamic music content.
-1.0 dB	The amplifier channel provides sufficient power to meet the loudspeaker's RMS requirements (based on a 20 Hz – 20 kHz sine wave). However, it is unable to deliver the 6 dB peaks found in the AES pink noise test signal, which more accurately reflects the demands of dynamic music content. The table shows the shortfall in dynamic headroom, expressed in decibels.
No	The amplifier channel does not meet the loudspeaker's pink noise or RMS power requirements and is therefore not recommended. However, it may still be suitable if the application does not demand the full rated output of the loudspeaker.
NN	**Not needed**: channel bridging is unnecessary, as a single amplifier channel provides sufficient power to drive the speaker.
NA	**Not available**: channel bridging isn't available with this amplifier.

Note that it is far more likely that an underpowered amplifier will damage a loudspeaker than one with excess power. Modern limiters in speaker presets can safely manage the amplifier's output. However, driving a system into distortion due to an insufficiently powered amplifier can cause heat buildup and lead to voice coil burnout, which is the most common form of loudspeaker damage.

If you need assistance with system design, please contact Technical Support (page 60).

System controllers

If you use VIA amplifiers (or amplifiers from other manufacturers), you also need a system controller. We recommend the Martin Audio DX4.0, DX0.4 or DX0.6. For further details, see our website martin-audio.com.

If you use an iKON amplifier (iK41, iK42 or iK81), you don't need a system controller as these amplifiers have on-board digital processing. For further details, see our website martin-audio.com.

These system controllers and iKON amplifiers include presets for the BlacklineQ range (and other Martin Audio loudspeakers) to give you the best possible performance from your system. Note that the BlacklineQ presets use IIR filters rather than FIR filters.

iKON and DX4.0 presets

If you have an iKON amplifier or a DX4.0 system controller, load the BlacklineQ presets using **Vu-Net**.

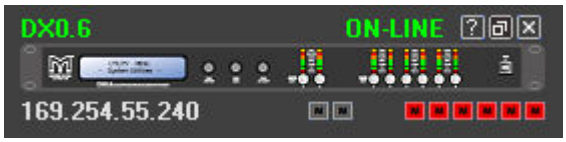
For details of **Vu-Net**, go to our website martin-audio.com, select **Support > Software/Firmware**, scroll to the **Vu-Net** section and click **USER GUIDE**.

DX0.4 and DX0.6 presets

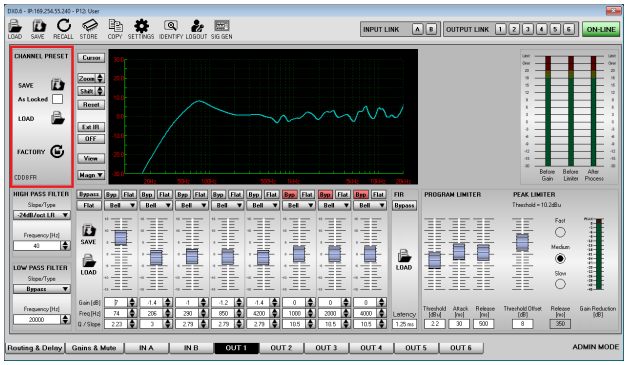
If you have a DX0.4 or DX0.6 system controller, load the BlacklineQ presets using the **DX0.4 and DX0.6 Control Software**.

To load DX0.4 and DX0.6 presets

1. Start the **DX0.4 and DX0.6 Control Software** by selecting **Start** and typing **DX Series** or by double-clicking the desktop shortcut.
2. Load a processor window by double-clicking the middle of a processor icon.



3. From the processor window, click on an output channel tab (for example **OUT 1**) at the bottom of this window.
4. In the **Channel Preset** section (highlighted in red in the screenshot below), click **LOAD**. Don't click the other **LOAD** button at top left of the processor window, as this is for loading all channels and settings for the processor.



5. Navigate to the folder you specified when you unzipped the control software. The presets are stored in the folder `Output Channel Presets` with one subfolder for each speaker range. If the `BlacklineQ` subfolder is missing, download and unzip the latest control software from our website martin-audio.com.

   For BlacklineQ loudspeakers and columns (Q8, Q10, Q12, Q15, Q44 and Q26), the preset filename suffixes are as follows:

   - FR (Full range) – Select this when using the speaker without a subwoofer.
   - HP (High pass filter engaged) – Select this when using the speaker with a subwoofer.
   - MON (Monitor) – Select this when using Q8, Q10, Q12 or Q15 as stage monitors.

   For BlacklineQ subwoofers (Q210, Q118 and Q218), the preset filename suffixes are as follows:

   - 80Hz – Select this when using the subwoofer with Q8, Q10, Q12 or Q15.
   - 100Hz – Select this when using the subwoofer with Q26 or Q44.
   - Cardioid – Select this for rear-facing Q118 or Q218 subwoofers in a cardiod set up (preset not available for Q210).
   - Default – Select this when using the subwoofer with legacy Martin Audio speakers or any third-party loudspeaker. This applies the generic parameters for the subwoofer.

For further details of the **DX0.4 and DX0.6 Control Software**, go to our website martin-audio.com, select **Support > Software/Firmware**, scroll to the **DX0.4 and DX0.6 Control Software** section and click **USER GUIDE**.

Using other controllers

If you use a controller from another manufacturer, you need to configure settings such as crossovers, limiters and equalisation points. You can find these settings in our **Loudspeaker parameter spreadsheet**, which we provide as a free download. For details of how to use the spreadsheet, read the instructions in the spreadsheet or watch the video guide.

To download the loudspeaker parameter spreadsheet

1. Go to our website martin-audio.com.
2. Select **Support > Loudspeaker Settings**.
3. Scroll to **CURRENT-PRODUCT-PARAMETERS** and click **DOWNLOAD**.

To watch the video guide

1. Go to our website martin-audio.com.
2. Select **Support > Loudspeaker Settings**.
3. Scroll to **PARAMETER VIDEO** and click **VIDEO**.

System design

To design your system and decide on the best positions for speakers and subs, we recommend Martin Audio **Display 3** software, which we provide as a free download from our website.

Display 3 allows you to model your space and experiment with various system configurations and speaker positions. Display 3 predicts the performance of your experimental configurations, allowing you to optimise the performance of your system at the design stage.

To download Display 3

1. Visit our website martin-audio.com.
2. Select **Support > Software/Firmware**.
3. Scroll to **Display 3** and click **Download**.

EASE files

You can model BlacklineQ in EASE by downloading a ZIP file of high-resolution GLL files, available as a free download from our website.

BlacklineQ is not supported in EASE Focus.

Note that we recommend using **Display 3** rather than EASE.

To download the GLL files

1. Visit our website martin-audio.com.
2. Select **Support > GLL and CLF Data**.
3. Scroll to **BlacklineQ** and click **Download**.

3D SketchUp files

You can model BlacklineQ in **SketchUp** by downloading the 3D SketchUp files, available as free downloads from our website.

To download 3D SketchUp files

1. Visit our website martin-audio.com.
2. Select **Products > Product List** and click on the appropriate speaker.
3. Select the **Technical drawings & 3D models** section and click **SKP-BLACK** or **SKP-WHITE**.
4. To download SketchUp files for accessories, select the **Accessories** section and click **SKP-B** or **SKP-W**.

DWG files

You can view the BlacklineQ technical drawings in CAD software such as AutoCAD by downloading the DWG files. These files are available as free downloads from our website. You can use them, for example, to measure the distances between flying points on the cabinets.

To download DWG files

1. Visit our website martin-audio.com.
2. Select **Products > Product List** and click on the appropriate speaker.
3. Select the **Technical drawings & 3D models** section and click **DWG**.
4. For DWG files for accessories, select the **Accessories** section and click **DWG**.

Specifications

Q8 specification

Type	Ultra-compact, passive two-way loudspeaker
Frequency response[1]	67 Hz – 17 kHz ± 3 dB, –10 dB @ 51 Hz
Driver (LF)	8” (200 mm) with 2” (50 mm) voice coil, ferrite motor system
Driver (HF)	1" (25 mm) exit compression driver with 1" (25 mm) voice coil, PETP dome
Rated power[2]	200 W AES, 800 W peak
Recommended electronics	DX0.4, DX0.6 or DX4.0 system processor and VIA amplifier, or iKON amplifier-processor
Sensitivity[3]	92 dB
Maximum SPL[2,3]	115 dB continuous, 121 dB peak, 127 dB peak with crest factor 4
Nominal impedance	8 ohm
Dispersion[4]	Horizontal: 90° on axis, 110° at 15° below axis Vertical: 50° total (+20° / –30°) User-rotatable Differential Dispersion horn
Crossover	3 kHz passive
Enclosure	Symmetrical multi-angle plywood
Finish	Textured black paint (RAL 9005)
Protective grille	Black perforated steel grille with scrim cloth backing
Connectors	2 x NL4 connectors: input and link
Pin connections (input)	1+/1–
Pin connections (link)	1+/1–: Connected from input 1+/1– 2+/2–: Connected from input 2+/2–
Fittings	15 x M8 inserts: 3 on top, 3 on bottom, 4 on left, 4 on right, 1 on rear 6 x M6 inserts on rear for wall bracket 1 x pocket handle with recycled ABS pocket Pole-mount socket with removable cover
IP rating	IP22 in portrait
Dimensions	(W) 236 mm x (H) 500 mm x (D) 250 mm (W) 9.3 in x (H) 19.7 in x (D) 9.8 in
Weight	10.1 kg (22.3 lbs)
Accessories (optional)	Wall bracket WB6/8B (page 49) Wall bracket spacers SP6/8-B (page 51) M8 eye bolt HTKCT05 (page 59) Portrait yoke Q8YP-B (page 53) Transit cover Q8TC

[1]On-axis in open space (4 pi) with full-range preset.

[2]Tested for 2 hours with band-limited pink noise as specified in AES2-1984 (r2003). Peak power defined as 6 dB above AES power.

[3]In open space (4 pi) at 1 m with 1 watt input, measured in the 2 pi (baffle) region.

[4]In open space (4 pi) at 2 m to –6 dB.

Q10 specification

Type	Compact, passive two-way loudspeaker
Frequency response[1]	63 Hz – 17 kHz ± 3 dB, –10 dB @ 48 Hz
Driver (LF)	10” (250 mm) with 2.5” (63 mm) voice coil, ferrite motor system
Driver (HF)	1" (25 mm) exit compression driver with 1.4" (36 mm) voice coil, polyimide dome
Rated power[2]	250 W AES, 1000 W peak
Recommended electronics	DX0.4, DX0.6 or DX4.0 system processor and VIA amplifier, or iKON amplifier-processor
Sensitivity[3]	95 dB
Maximum SPL[2,3]	119 dB continuous, 125 dB peak, 131 dB peak with crest factor 4
Nominal impedance	8 ohm
Dispersion[4]	Horizontal: 90° on axis, 110° at 15° below axis Vertical: 50° total (+20° / –30°) User-rotatable Differential Dispersion horn
Crossover	3 kHz passive
Enclosure	Symmetrical multi-angle plywood
Finish	Textured black paint (RAL 9005)
Protective grille	Black perforated steel grille with scrim cloth backing
Connectors	2 x NL4 connectors: input and link
Pin connections (input)	1+/1–
Pin connections (link)	1+/1–: Connected from input 1+/1– 2+/2–: Connected from input 2+/2–
Fittings	15 x M8 inserts: 3 on top, 3 on bottom, 4 on left, 4 on right, 1 on rear 6 x M8 inserts on rear for wall bracket 1 x bar handle with recycled ABS pocket Pole-mount socket with removable cover
IP rating	IP22 in portrait
Dimensions	(W) 300 mm x (H) 545 mm x (D) 310 mm (W) 11.8 in x (H) 21.5 in x (D) 12.2 in
Weight	15.3 kg (33.7 lbs)
Accessories (optional)	Wall bracket WB10/12B (page 50) Wall bracket spacers SP10/12-B (page 51) M8 eye bolt HTKCT05 (page 59) Portrait yoke Q10YP-B (page 54) Transit cover Q10TC

[1]On-axis in open space (4 pi) with full-range preset.

[2]Tested for 2 hours with band-limited pink noise as specified in AES2-1984 (r2003). Peak power defined as 6 dB above AES power.

[3]In open space (4 pi) at 1 m with 1 watt input, measured in the 2 pi (baffle) region.

[4]In open space (4 pi) at 2 m to –6 dB.

Q12 specification

Type	Compact, passive two-way loudspeaker
Frequency response[1]	56 Hz – 17 kHz ± 3 dB, –10 dB @ 45 Hz
Driver (LF)	12” (300 mm) with 2.5” (63 mm) voice coil, ferrite motor system
Driver (HF)	1" (25 mm) exit compression driver with 1.7" (43 mm) voice coil, polyimide dome
Rated power[2]	300 W AES, 1200 W peak
Recommended electronics	DX0.4, DX0.6 or DX4.0 system processor and VIA amplifier, or iKON amplifier-processor
Sensitivity[3]	96.5 dB
Maximum SPL[2,3]	121 dB continuous, 127 dB peak, 133 dB peak with crest factor 4
Nominal impedance	8 ohm
Dispersion[4]	Horizontal: 90° on axis, 110° at 15° below axis Vertical: 50° total (+20° / –30°) User-rotatable Differential Dispersion horn
Crossover	2.7 kHz passive
Enclosure	Symmetrical multi-angle plywood
Finish	Textured black paint (RAL 9005)
Protective grille	Black perforated steel grille with scrim cloth backing
Connectors	2 x NL4 connectors: input and link
Pin connections (input)	1+/1–
Pin connections (link)	1+/1–: Connected from input 1+/1– 2+/2–: Connected from input 2+/2–
Fittings	16 x M8 inserts: 4 on top, 3 on bottom, 4 on left, 4 on right, 1 on rear 6 x M8 inserts on rear for wall bracket 1 x bar handle with recycled ABS pocket Pole-mount socket with removable cover
IP rating	IP22 in portrait
Dimensions	(W) 358 mm x (H) 600 mm x (D) 321 mm (W) 14.1 in x (H) 23.6 in x (D) 12.7 in
Weight	18.4 kg (40.6 lbs)
Accessories (optional)	Wall bracket WB10/12B (page 50) Wall bracket spacers SP10/12-B (page 51) M8 eye bolt HTKCT05 (page 59) Portrait yoke Q12YP-B (page 55) Transit cover Q12TC

[1]On-axis in open space (4 pi) with full-range preset.

[2]Tested for 2 hours with band-limited pink noise as specified in AES2-1984 (r2003). Peak power defined as 6 dB above AES power.

[3]In open space (4 pi) at 1 m with 1 watt input, measured in the 2 pi (baffle) region.

[4]In open space (4 pi) at 2 m to –6 dB.

Q15 specification

Type	Passive two-way loudspeaker
Frequency response[1]	51 Hz – 17 kHz ± 3 dB, –10 dB @ 41 Hz
Driver (LF)	15” (380 mm) with 4” (100 mm) voice coil, ferrite motor system
Driver (HF)	1.4" (35 mm) exit compression driver with 3" (75 mm) voice coil
Rated power[2]	800 W AES, 3200 W peak
Recommended electronics	DX0.4, DX0.6 or DX4.0 system processor and VIA amplifier, or iKON amplifier-processor
Sensitivity[3]	98 dB
Maximum SPL[2,3]	127 dB continuous, 133 dB peak, 139 dB peak with crest factor 4
Nominal impedance	8 ohm
Dispersion[4]	Horizontal: 70° on axis, 90° at 15° below axis Vertical: 50° total (+20° / –30°) User-rotatable Differential Dispersion horn
Crossover	1.5 kHz passive
Enclosure	Symmetrical multi-angle plywood
Finish	Textured black paint (RAL 9005)
Protective grille	Black perforated steel grille with scrim cloth backing
Connectors	2 x NL4 connectors: input and link
Pin connections (input)	1+/1–
Pin connections (link)	1+/1–: Connected from input 1+/1– 2+/2–: Connected from input 2+/2–
Fittings	18 x M8 inserts: 5 on top, 3 on bottom, 4 on left, 4 on right, 2 on rear 6 x M8 inserts on rear for wall bracket 2 x pocket handles made from recycled ABS Pole-mount socket with removable cover
IP rating	IP22 in portrait
Dimensions	(W) 420 mm x (H) 695 mm x (D) 400 mm (W) 16.5 in x (H) 27.4 in x (D) 15.8 in
Weight	33.8 kg (74.6 lbs)
Accessories (optional)	Wall bracket WB15B (page 52) M8 eye bolt HTKCT05 (page 59) Portrait yoke Q15YP-B (page 56) Transit cover Q15TC

[1]On-axis in open space (4 pi) with full-range preset.

[2]Tested for 2 hours with band-limited pink noise as specified in AES2-1984 (r2003). Peak power defined as 6 dB above AES power.

[3]In open space (4 pi) at 1 m with 1 watt input, measured in the 2 pi (baffle) region.

[4]In open space (4 pi) at 2 m to –6 dB.

Q44 specification

Type	Passive two-way compact column loudspeaker
Frequency response[1]	82 Hz – 17 kHz ± 3 dB, –10 dB @ 63 Hz
Driver (LF)	Four 4” (100 mm) with 1” (25 mm) voice coil, ferrite motor system
Driver (HF)	1" (25 mm) exit compression driver with 1" (25 mm) voice coil, PETP dome
Rated power[2]	200 W AES, 800 W peak
Recommended electronics	DX0.4, DX0.6 or DX4.0 system processor and VIA amplifier, or iKON amplifier-processor
Sensitivity[3]	90 dB
Maximum SPL[2,3]	113 dB continuous, 119 dB peak, 125 dB peak with crest factor 4
Nominal impedance	8 ohm
Dispersion[4]	Horizontal: 100° on axis, 120° at 15° below axis Vertical: 40° total (+15° / –25°)
Crossover	2.4 kHz passive
Enclosure	Durable plywood
Finish	Textured black paint (RAL 9005) or textured white paint (RAL 9016)
Protective grille	Black or white perforated steel grille with scrim cloth backing
Connectors	1 x NL4 connector
Pin connections	1+/1–
Fittings	3 x M8 inserts: 1 on top, 1 on left, 1 on right 1 x M6 insert on rear 4 x M6 inserts on rear for wall bracket 1 x pocket handle made from recycled ABS Pole-mount socket with removable cover
IP rating	IP22 in portrait
Dimensions	(W) 150 mm x (H) 800 mm x (D) 187 mm (W) 5.9 in x (H) 31.5 in x (D) 7.3 in
Weight	7.5 kg (16.5 lbs)
Accessories (optional)	Wall bracket in black (WB6/8B) or white (WB6/8W) (page 49) Wall bracket spacers in black (SP6/8-B) or white (SP6/8-W) (page 51) M8 eye bolt HTKCT05 (page 59) Portrait yoke in black (Q44YP-B) or white (Q44YP-W) (page 58) Transit bag Q44BAG

[1]On-axis in open space (4 pi) with full-range preset.

[2]Tested for 2 hours with band-limited pink noise as specified in AES2-1984 (r2003). Peak power defined as 6 dB above AES power.

[3]In open space (4 pi) at 1 m with 1 watt input, measured in the 2 pi (baffle) region.

[4]In open space (4 pi) at 2 m to –6 dB.

Q26 specification

Type	Passive two-way compact column loudspeaker
Frequency response[1]	69 Hz – 17 kHz ± 3 dB, –10 dB @ 53 Hz
Driver (LF)	Dual 6” (150 mm) with 1.5” (38 mm) voice coil, ferrite motor system
Driver (HF)	1" (25 mm) exit compression driver with 1" (25 mm) voice coil, PETP dome
Rated power[2]	300 W AES, 1200 W peak
Recommended electronics	DX0.4, DX0.6 or DX4.0 system processor and VIA amplifier, or iKON amplifier-processor
Sensitivity[3]	94 dB
Maximum SPL[2,3]	119 dB continuous, 125 dB peak, 131 dB peak with crest factor 4
Nominal impedance	8 ohm
Dispersion[4]	Horizontal: 100° on axis, 120° at 15° below axis Vertical: 40° total (+15° / –25°)
Crossover	2.4 kHz passive
Enclosure	Durable plywood
Finish	Textured black paint (RAL 9005) or textured white paint (RAL 9016)
Protective grille	Black or white perforated steel grille with scrim cloth backing
Connectors	1 x NL4 connector
Pin connections	1+/1–
Fittings	3 x M8 inserts: 1 on top, 1 on left, 1 on right 1 x M6 insert on rear 4 x M6 inserts on rear for wall bracket 1 x pocket handle made from recycled ABS Pole-mount socket with removable cover
IP rating	IP22 in portrait
Dimensions	(W) 193 mm x (H) 670 mm x (D) 218 mm (W) 7.6 in x (H) 26.4 in x (D) 8.6 in
Weight	9.5 kg (20.9 lbs)
Accessories (optional)	Wall bracket in black (WB6/8B) or white (WB6/8W) (page 49) Wall bracket spacers in black (SP6/8-B) or white (SP6/8-W) (page 51) M8 eye bolt HTKCT05 (page 59) Portrait yoke in black (Q26YP-B) or white (Q26YP-W) (page 57) Transit bag Q26BAG

[1]On-axis in open space (4 pi) with full-range preset.

[2]Tested for 2 hours with band-limited pink noise as specified in AES2-1984 (r2003). Peak power defined as 6 dB above AES power.

[3]In open space (4 pi) at 1 m with 1 watt input, measured in the 2 pi (baffle) region.

[4]In open space (4 pi) at 2 m to –6 dB.

Q210 specification

Type	Slimline, dual 10" driver subwoofer
Frequency response[1]	49 Hz – 100 Hz ± 3 dB, –10 dB @ 41 Hz
Driver	10" (250 mm) with 2" (50 mm) long excursion voice coil, ferrite motor system
Rated power[2]	400 W AES, 1600 W peak
Recommended electronics	DX0.4, DX0.6 or DX4.0 system processor and VIA amplifier, or iKON amplifier-processor
Sensitivity[3]	101 dB
Maximum SPL[2,3]	127 dB continuous, 133 dB peak, 139 dB peak with crest factor 4
Nominal impedance	4 ohm
Dispersion	Omnidirectional
Crossover	Not applicable
Enclosure	Durable plywood
Finish	Textured black paint (RAL 9005) or textured white paint (RAL 9016)
Protective grille	Black or white perforated steel grille with scrim cloth backing
Connectors	3 x NL4 connectors: 2 at bottom rear (input and link A), 1 at top rear (link B)
Pin connections (input)	1+/1–
Pin connections (link A)	1+/1–: Connected from input 1+/1– 2+/2–: Connected from input 2+/2–
Pin connections (link B)	1+/1–: Connected from input 2+/2– 2+/2–: Not used
Fittings	16 x M8 inserts: 2 on top, 2 on bottom, 4 on left, 4 on right, 4 on rear 2 x bar handles with recycled ABS pockets, 1 at rear top, 1 at rear bottom M20 top-mounted thread plate for pole mounting 4 x skids on base 4 x skids on right side, 4 x recesses on left side: for stacking horizontally
IP rating	IP2X in landscape or portrait
Dimensions	(W) 296 mm x (H) 724 mm x (D) 462 mm (W) 11.7 in x (H) 28.5 in x (D) 18.2 in
Weight	22.4 kg (49.4 lbs)
Accessories (optional)	M8 eye bolt HTKCT05 (page 59) Wind-up telescopic pole ASF20071 (page 59) Transit cover Q210TC

[1]On-axis in open space (4 pi) with full-range preset.

[2]Tested for 2 hours with band-limited pink noise as specified in AES2-1984 (r2003). Peak power defined as 6 dB above AES power.

[3]In half space (2 pi) at 1m with 1 watt input.

Q118 specification

Type	Compact, high-performance 18" subwoofer
Frequency response[1]	38 Hz – 100 Hz ± 3 dB, –10 dB @ 31 Hz
Driver	18" (460 mm) with 4" (100 mm) long excursion voice coil, ferrite motor system
Rated power[2]	800 W AES, 3200 W peak
Recommended electronics	DX0.4, DX0.6 or DX4.0 system processor and VIA amplifier, or iKON amplifier-processor
Sensitivity[3]	101 dB
Maximum SPL[2,3]	130 dB continuous, 136 dB peak, 142 dB peak with crest factor 4
Nominal impedance	8 ohm
Dispersion	Omnidirectional
Crossover	Not applicable
Enclosure	Durable plywood
Finish	Textured black paint (RAL 9005)
Protective grille	Black perforated steel grille with scrim cloth backing
Connectors	3 x NL4 connectors: 2 at bottom rear (input and link A), 1 at top rear (link B)
Pin connections (input)	1+/1–
Pin connections (link A)	1+/1–: Connected from input 1+/1– 2+/2–: Connected from input 2+/2–
Pin connections (link B)	1+/1–: Connected from input 2+/2– 2+/2–: Not used
Fittings	16 x M10 inserts: 3 on top, 3 on bottom, 3 on left, 3 on right, 4 on rear 16 x M8 inserts on rear for optional castors 2 x bar handles with recycled ABS pockets, 1 on each side M20 top-mounted thread plate for pole mounting 4 x skids on base, 4 x recesses on top: for stacking vertically
IP rating	IP2X in landscape or portrait
Dimensions	(W) 530 mm x (H) 606 mm x (D) 690 mm (W) 20.9 in x (H) 23.9 in x (D) 27.2 in
Weight	45.5 kg (100.3 lbs)
Accessories (optional)	Set of four castors WHEELKIT (page 59) M10 eye bolts HTKCT06 (page 59) Wind-up telescopic pole ASF20071 (page 59) Transit cover Q118TC

[1]On-axis in open space (4 pi) with full-range preset.

[2]Tested for 2 hours with band-limited pink noise as specified in AES2-1984 (r2003). Peak power defined as 6 dB above AES power.

[3]In half space (2 pi) at 1m with 1 watt input.

Q218 specification

Type	High-performance, dual 18" driver subwoofer
Frequency response[1]	38 Hz – 100 Hz ± 3 dB, –10 dB @ 31 Hz
Driver	2 x 18" (460 mm) with 4" (100 mm) long excursion voice coil, ferrite motor system
Rated power[2]	1600 W AES, 6400 W peak
Recommended electronics	DX0.4, DX0.6 or DX4.0 system processor and VIA amplifier, or iKON amplifier-processor
Sensitivity[3]	104 dB
Maximum SPL[2,3]	136 dB continuous, 142 dB peak, 148 dB peak with crest factor 4
Nominal impedance	4 ohm
Dispersion	Omnidirectional
Crossover	Not applicable
Enclosure	Durable plywood
Finish	Textured black paint (RAL 9005)
Protective grille	Black perforated steel grille with scrim cloth backing
Connectors	3 x NL4 connectors: 2 at bottom rear (input and link A), 1 at top rear (link B)
Pin connections (input)	1+/1–
Pin connections (link A)	1+/1–: Connected from input 1+/1– 2+/2–: Connected from input 2+/2–
Pin connections (link B)	1+/1–: Connected from input 2+/2– 2+/2–: Not used
Fittings	24 x M10 inserts: 4 on top, 4 on bottom, 6 on left, 6 on right, 4 on rear 16 x M8 inserts on rear for optional castors 4 x bar handles with recycled ABS pockets: 2 on top, 2 on bottom M20 top-mounted thread plate for pole mounting 4 x skids on base: for standing vertically 4 x skids on right side, 4 x recesses on left side: for stacking horizontally
IP rating	IP2X in landscape or portrait
Dimensions	(W) 536 mm x (H) 1206 mm x (D) 690 mm (W) 21.1 in x (H) 47.5 in x (D) 27.2 in
Weight	82.5 kg (181.9 lbs)
Accessories (optional)	Set of four castors WHEELKIT (page 59) M10 eye bolts HTKCT06 (page 59) Wind-up telescopic pole ASF20071 (page 59) Transit cover Q218TC

[1]On-axis in open space (4 pi) with full-range preset.

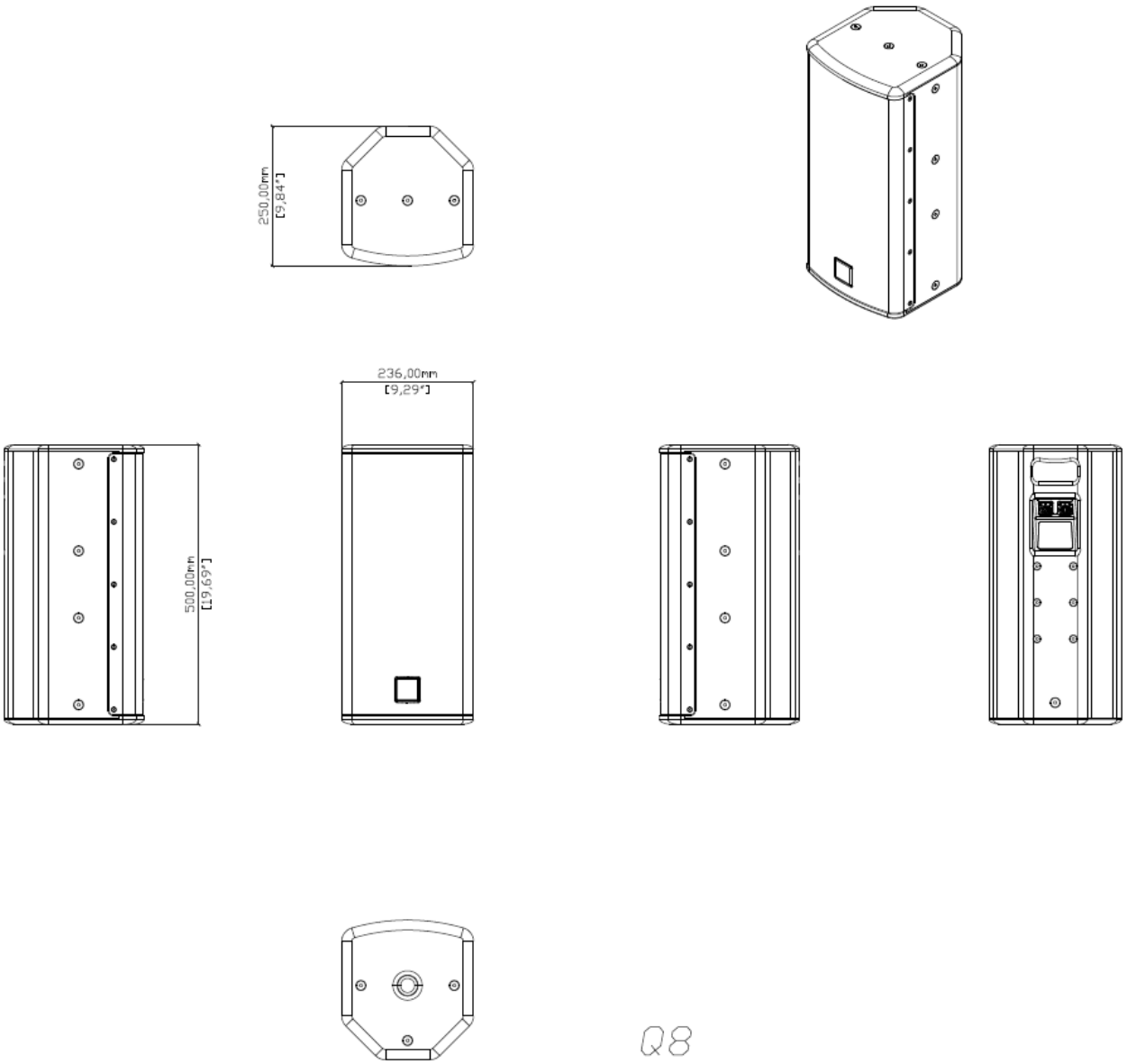
[2]Tested for 2 hours with band-limited pink noise as specified in AES2-1984 (r2003). Peak power defined as 6 dB above AES power.

[3]In half space (2 pi) at 1m with 1 watt input.

Technical drawings

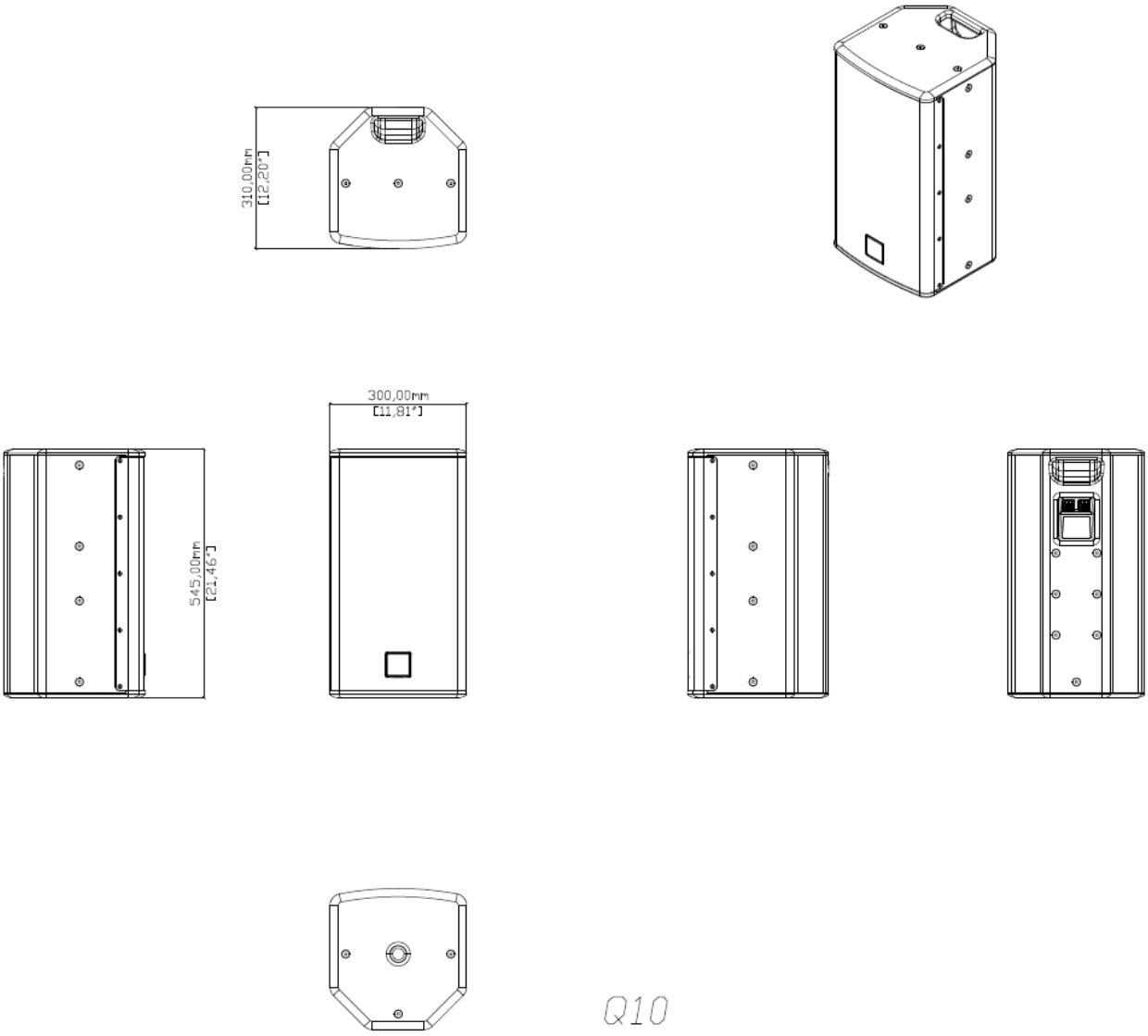
Q8 technical drawing

To import this drawing into CAD software, see DWG files (page 34).



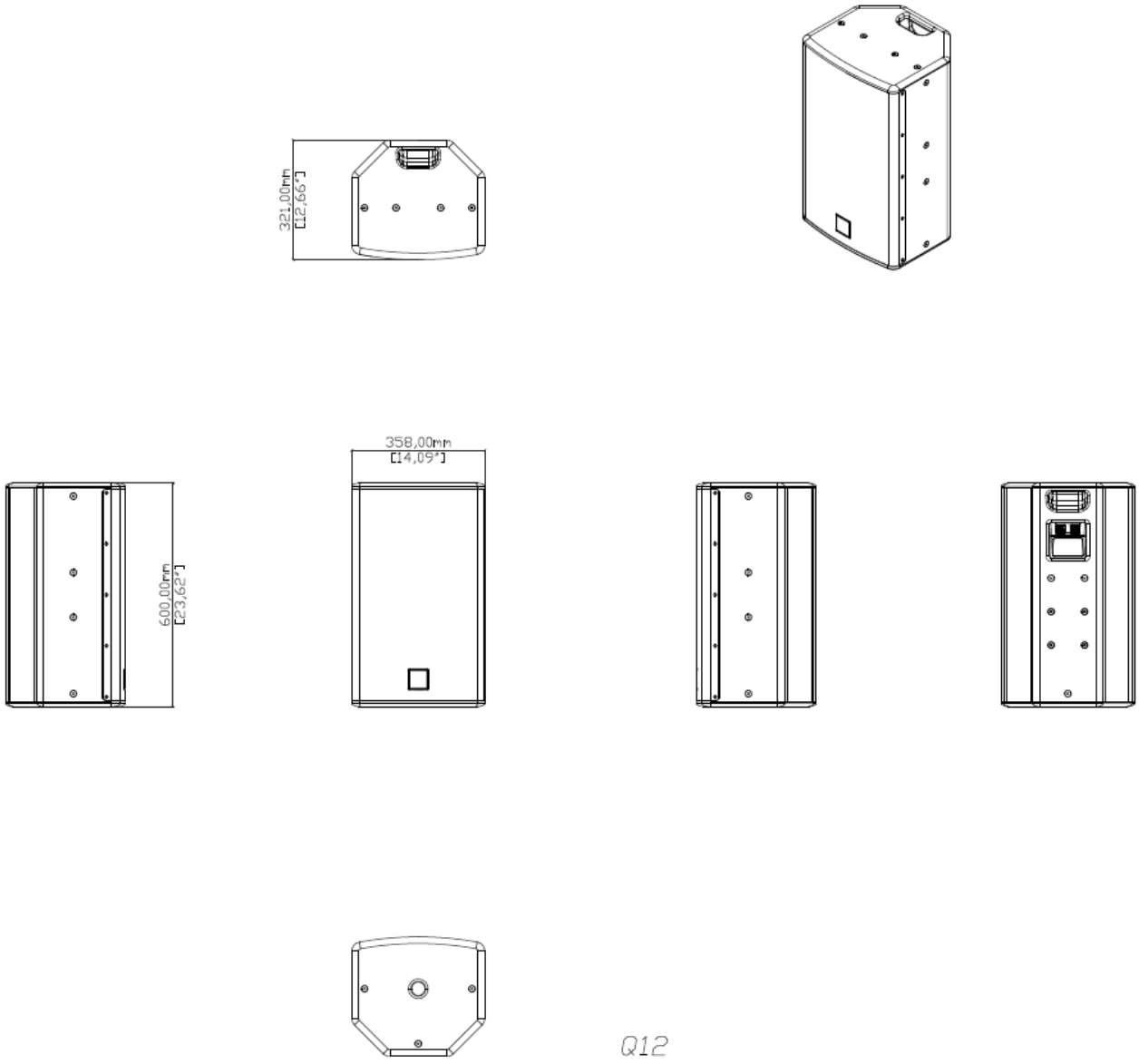
Q10 technical drawing

To import this drawing into CAD software, see DWG files (page 34).



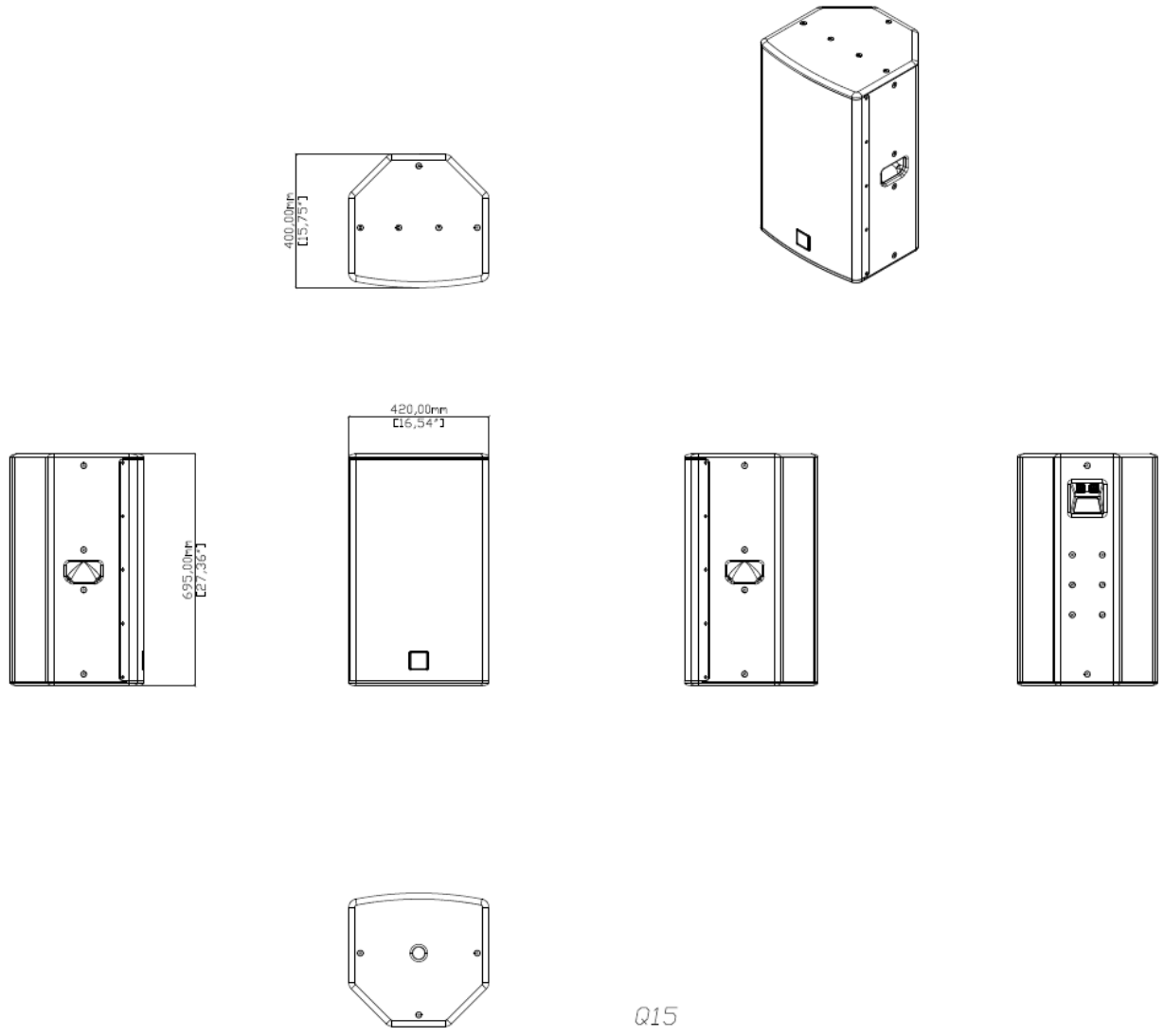
Q12 technical drawing

To import this drawing into CAD software, see DWG files (page 34).



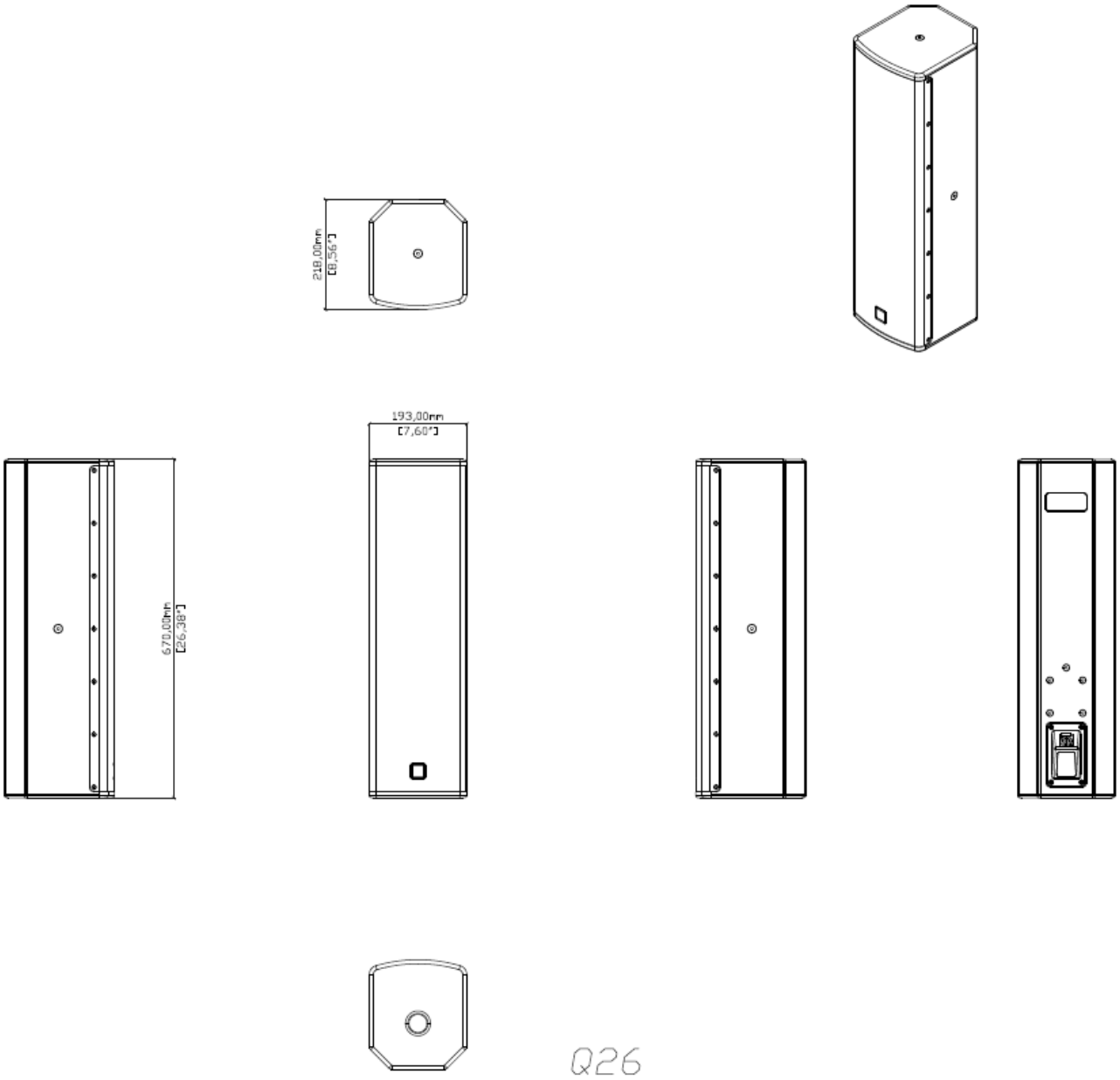
Q15 technical drawing

To import this drawing into CAD software, see DWG files (page 34).



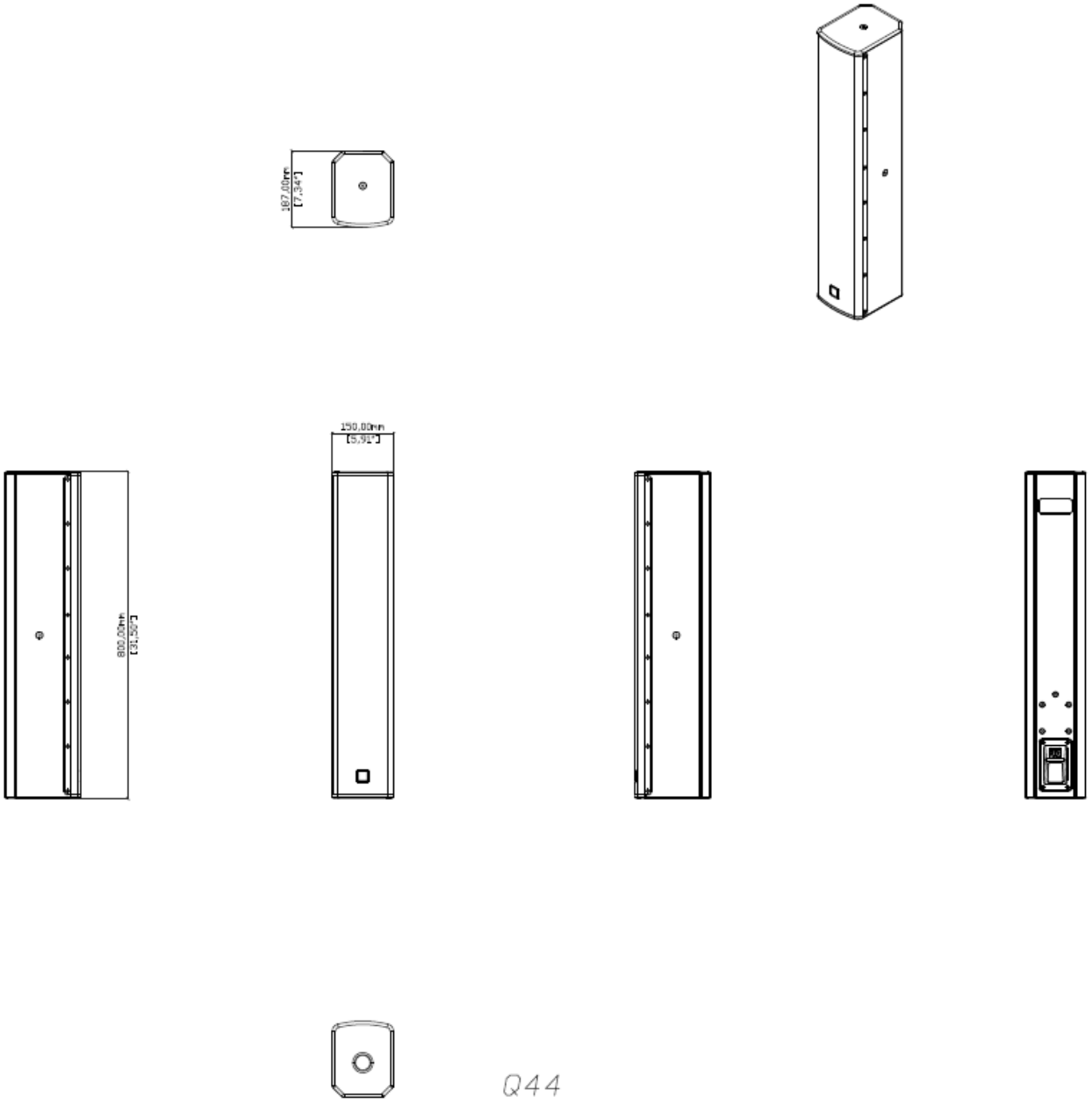
Q26 technical drawing

To import this drawing into CAD software, see DWG files (page 34).



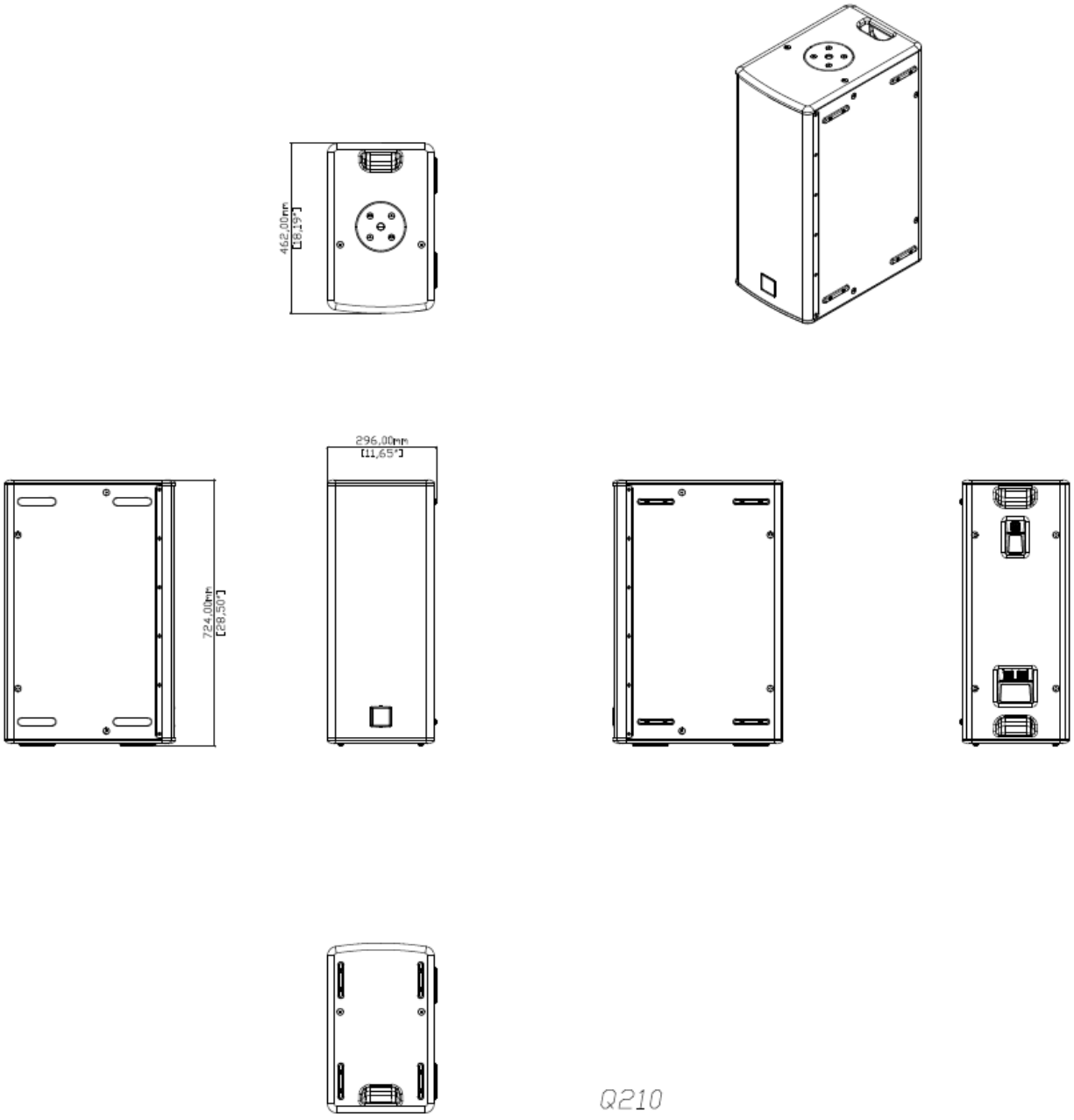
Q44 technical drawing

To import this drawing into CAD software, see DWG files (page 34).



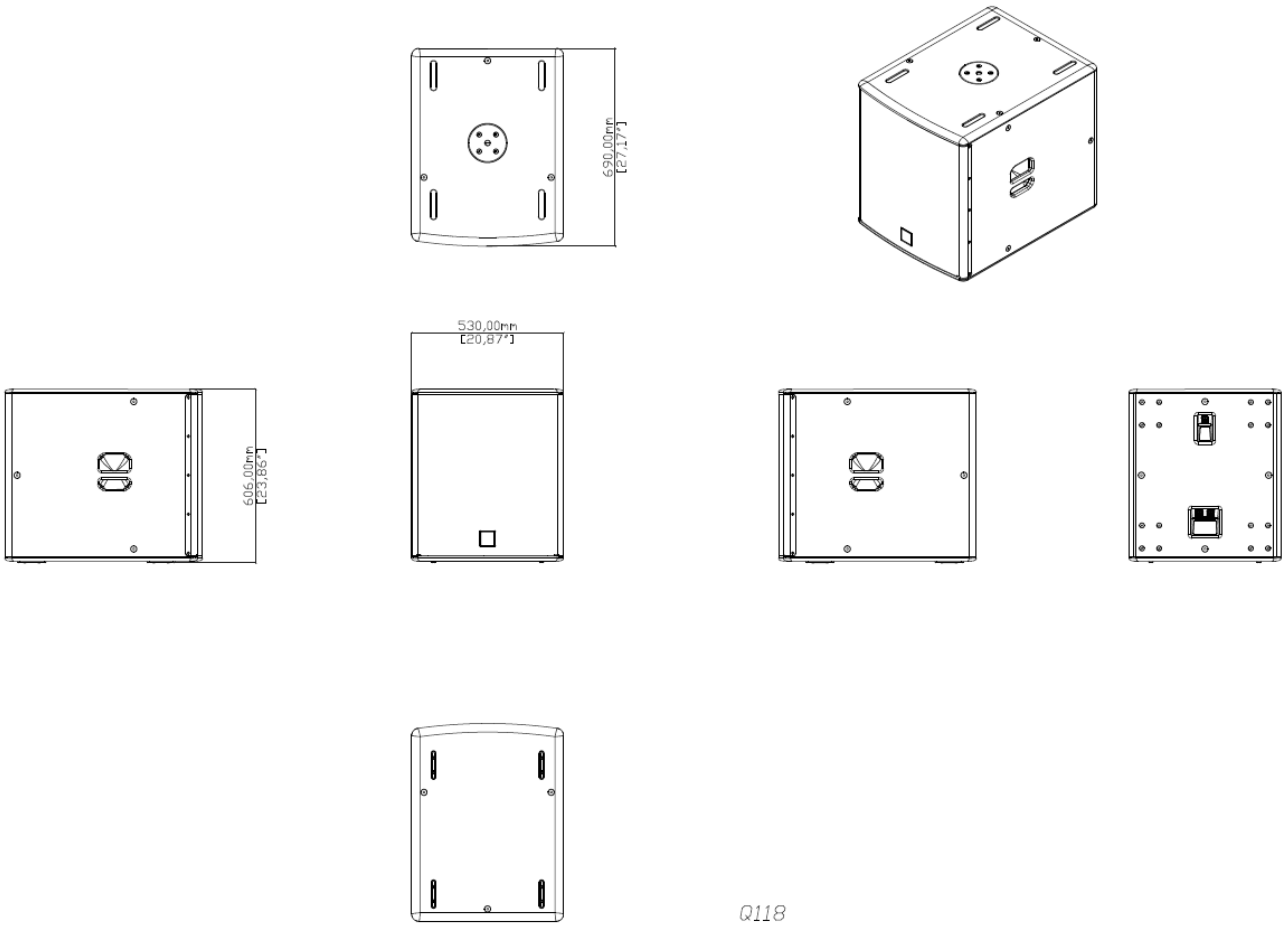
Q210 technical drawing

To import this drawing into CAD software, see DWG files (page 34).



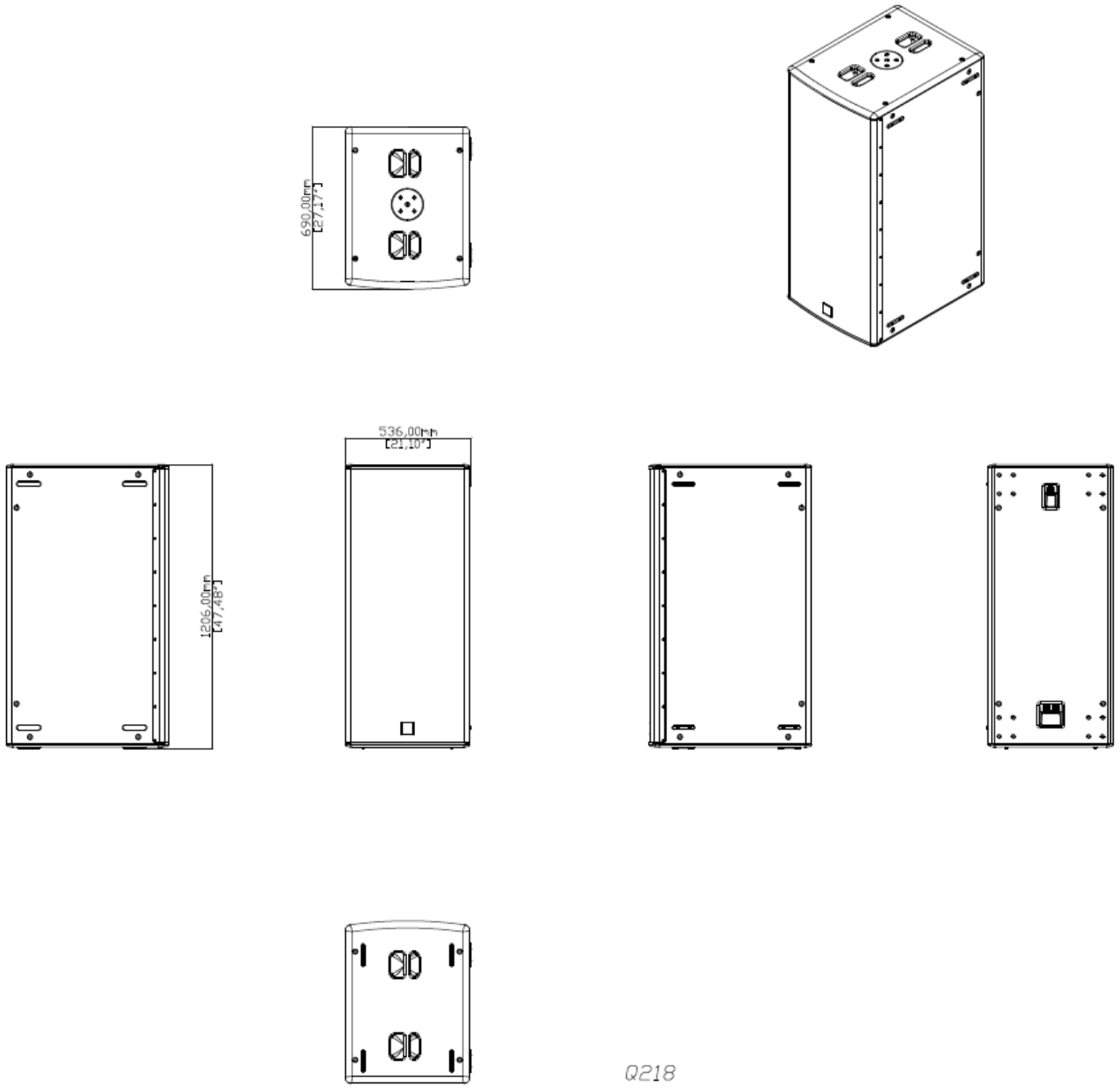
Q118 technical drawing

To import this drawing into CAD software, see DWG files (page 34).



Q218 technical drawing

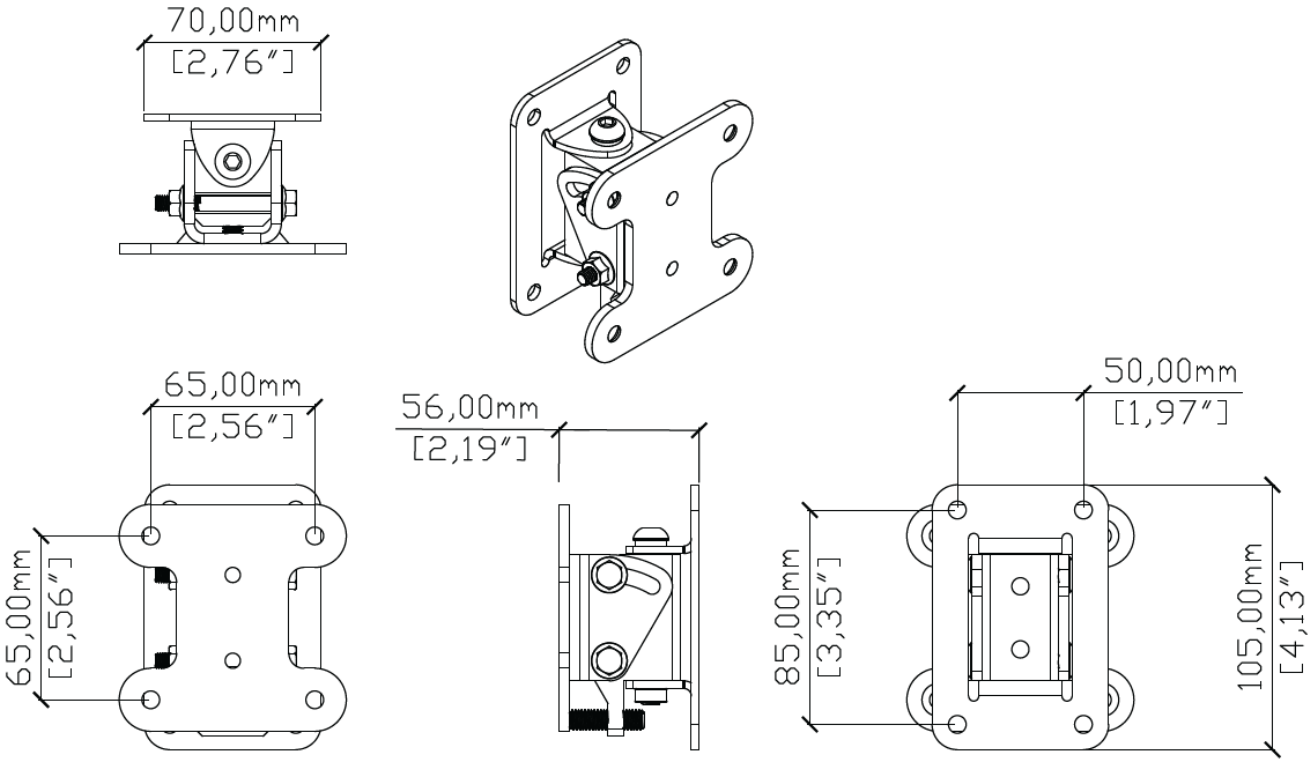
To import this drawing into CAD software, see DWG files (page 34).



Technical details of accessories

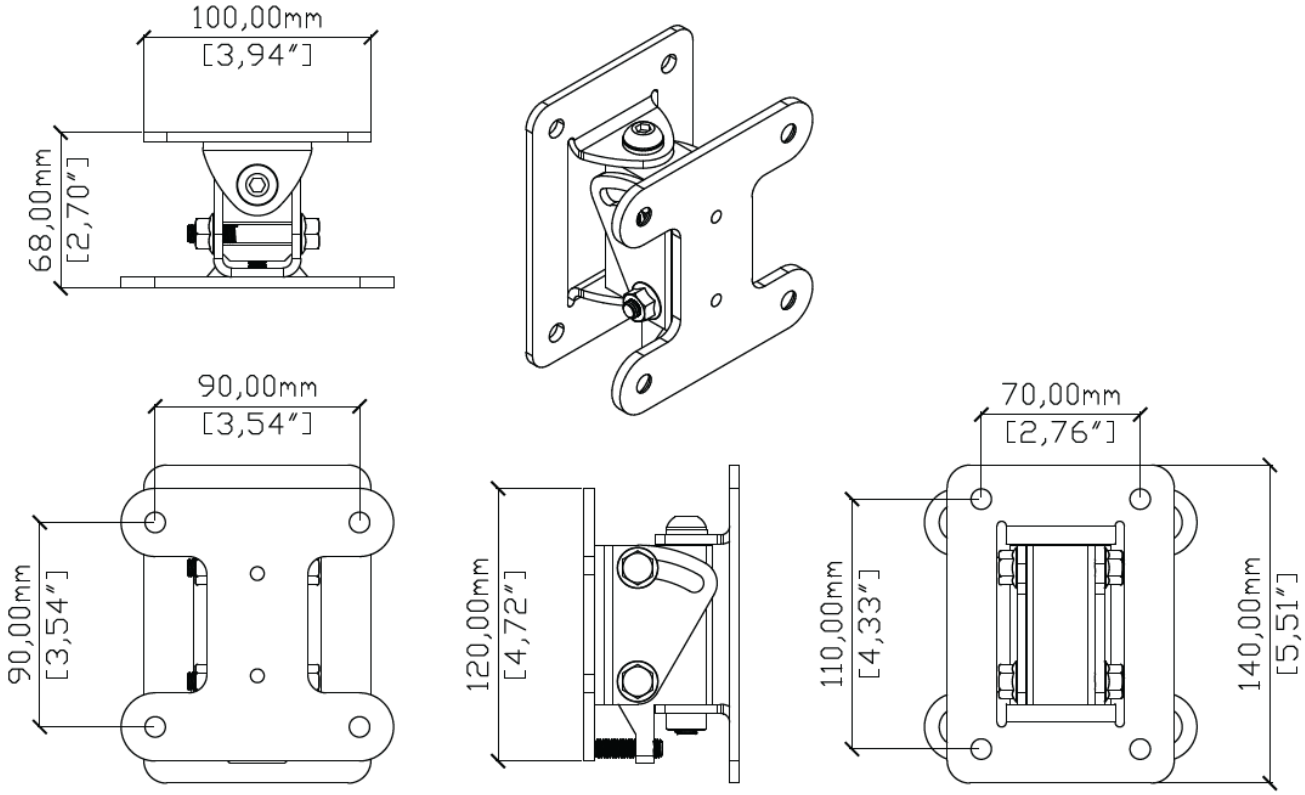
Wall bracket for Q8, Q26 and Q44

- Product code: **WB6/8B** for black or **WB6/8W** for white
- Provides tilt and pan
- Wall spacers are available as an optional accessory for the latest version of this bracket. See Wall spacers (page 51)
- Mount Q8 in either landscape or portrait. For landscape, you must rotate the horn (page 12)
- Mount Q26 and Q44 in portrait only. If you need to tilt Q26 and Q44, you must fit Wall spacers (page 51)
- Also compatible with A80T, X8, CDD6, CDD8, CDD-LIVE8, FP6 and FP8
- Wall fixing (the rectangular section): four 7 mm (0.28 in) holes
- Weight: 0.6 kg (1.4 lb)



Wall bracket for Q10 and Q12

- Product code: **WB10/12B** for black
- Provides tilt and pan
- Wall spacers are available as an optional accessory for the latest version of this bracket. See Wall spacers (page 51)
- Mount Q10 or Q12 in landscape or portrait. For landscape, you must rotate the horn (page 12)
- Also compatible with X10, X12, XP12, CDD10, CDD12, CDD-LIVE12 and FP12
- Wall fixing (the rectangular section): four 9 mm (0.35 in) holes
- Weight: 1.3 kg (2.8 lb)



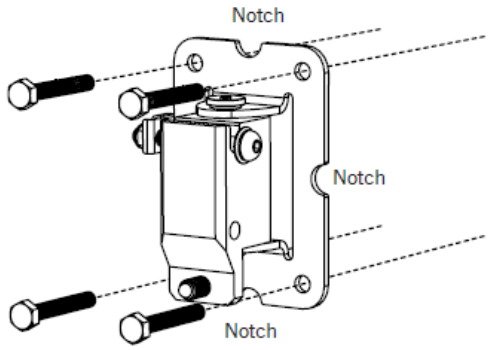
Wall spacer accessory kit

There are two wall spacer accessory kits:

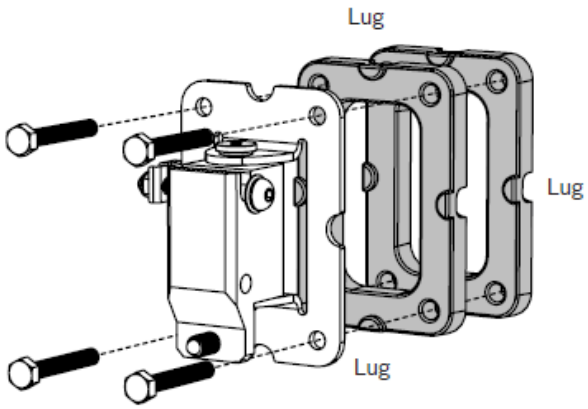
- **SP6/8** for the wall bracket for Q8, Q26 and Q44 (WB6/8).
- **SP10/12** for the wall bracket for Q10 and Q12 (WB10/12).

These optional spacers allow you to increase the tilt and pan angles. To tilt Q44 and Q26 columns, you must use spacers. Without spacers, the NL4 connector blocks tilt. The maximum down tilt for wall-mounted Q44 and Q26 is 15 degrees with two spacers installed.

- Each kit contains a pair of spacers.
- Each spacer is 10 mm (0.4 in) thick.
- Fit one or two spacers behind each bracket, as required.
- Available in black (SP6/8-B and SP10/12-B) or white (SP6/8-W and SP10/12-W).
- Compatible only with the latest version of this wall bracket. This version has four notches in the outer edge of the wall section.



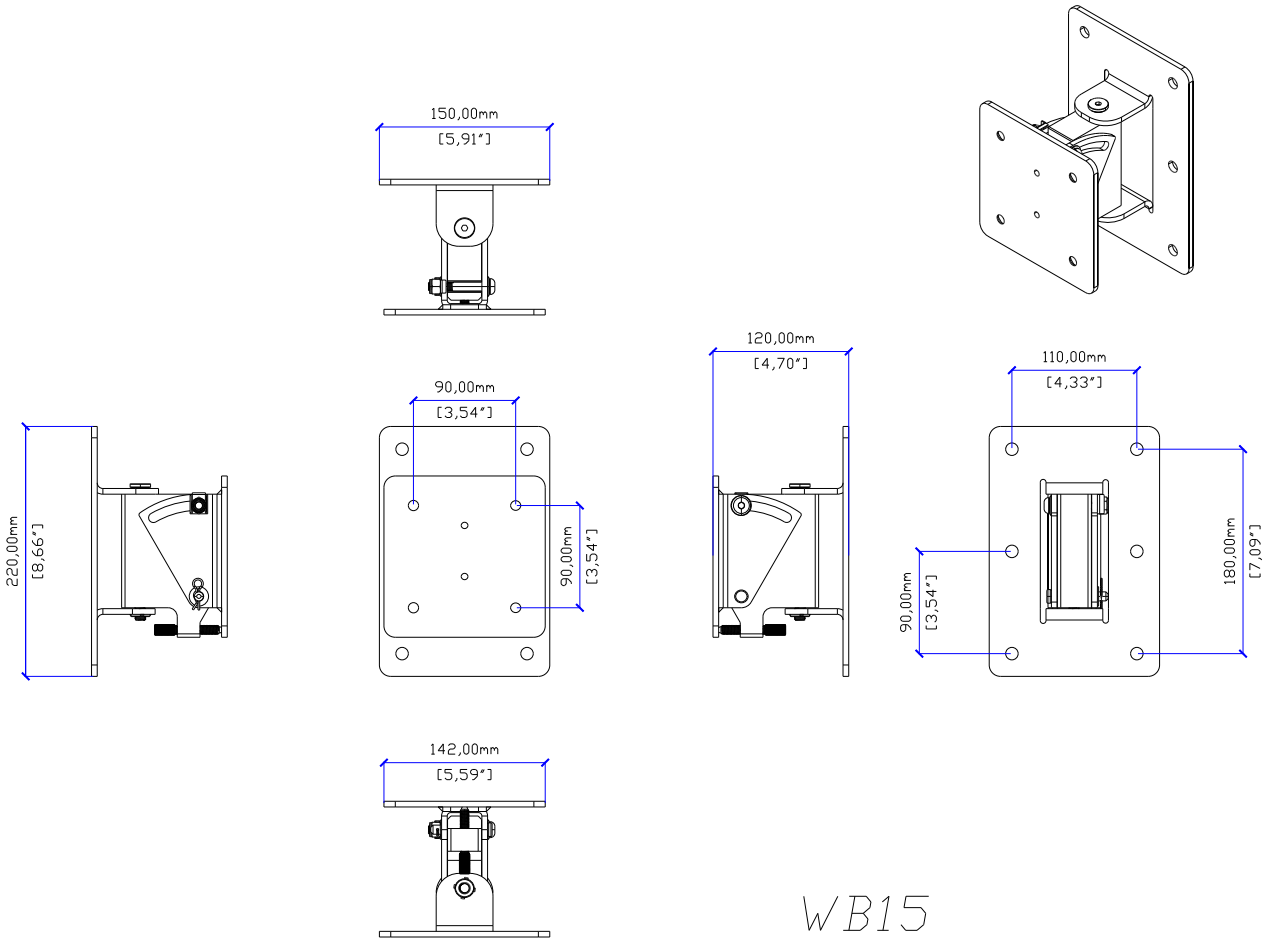
- Each spacer has four lugs on the front that fit into the notches in the bracket. Each spacer also has four notches on the back that connect to the lugs on the second spacer.



- The wall spacer kit is **not** compatible with the previous version of this wall bracket, which does not have notches.

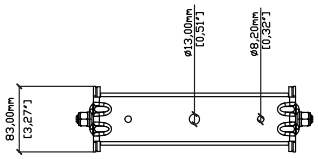
Wall bracket for Q15

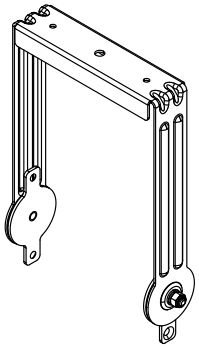
- Product code: **WB15B** for black
- Provides tilt and pan
- Mount Q15 in landscape or portrait. For landscape, you must rotate the horn (page 12)
- Also compatible with X15, CDD15, CDD-LIVE 15, FP15
- Wall fixing (the rectangular section): six 11 mm (0.43 in) holes
- Weight: 3.2 kg (7.1 lb)

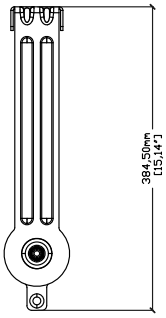


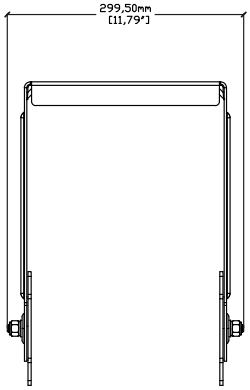
Portrait yoke for Q8

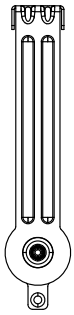
- Available in black only. Product code: Q8YP-B
- One central 13 mm (0.51 in) hole for mounting with an M12 or 1/2 inch bolt (not supplied)
- Two outer 8.2 mm (0.32 in) mounting holes
- For mounting details, see Portrait yoke mounting (page 21)
- Material: Weatherised polyester powder-coated steel
- Weight: 2.10 kg (4.63 lbs)

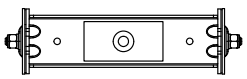








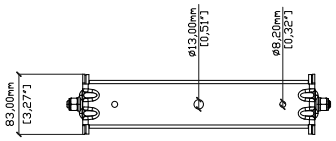


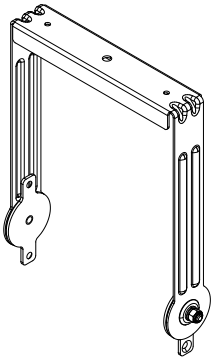


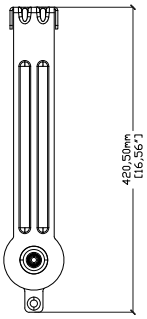
Q8YP

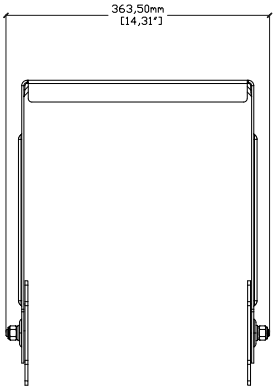
Portrait yoke for Q10

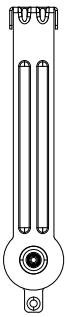
- Available in black only. Product code: Q10YP-B
- One central 13 mm (0.51 in) hole for mounting with an M12 or 1/2 inch bolt (not supplied)
- Two outer 8.2 mm (0.32 in) mounting holes
- For mounting details, see Portrait yoke mounting (page 21)
- Material: Weatherised polyester powder-coated steel
- Weight: 2.37 kg (5.23 lbs)

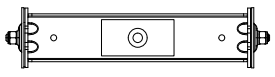








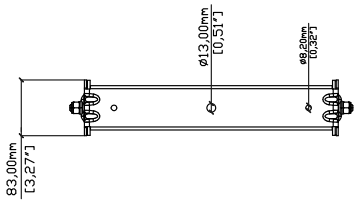


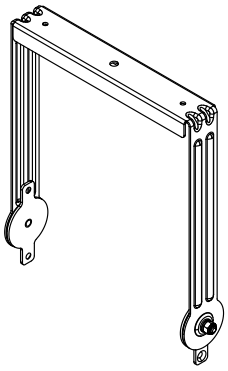


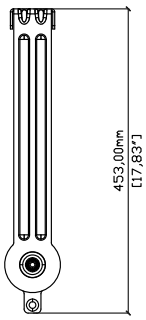
Q10YP

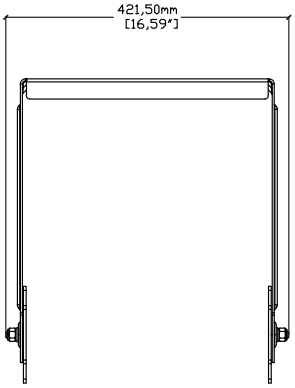
Portrait yoke for Q12

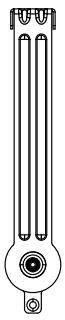
- Available in black only. Product code: Q12YP-B
- One central 13 mm (0.51 in) hole for mounting with an M12 or 1/2 inch bolt (not supplied)
- Two outer 8.2 mm (0.32 in) mounting holes
- For mounting details, see Portrait yoke mounting (page 21)
- Material: Weatherised polyester powder-coated steel
- Weight: 2.62 kg (5.77 lbs)

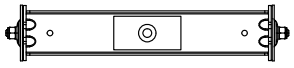








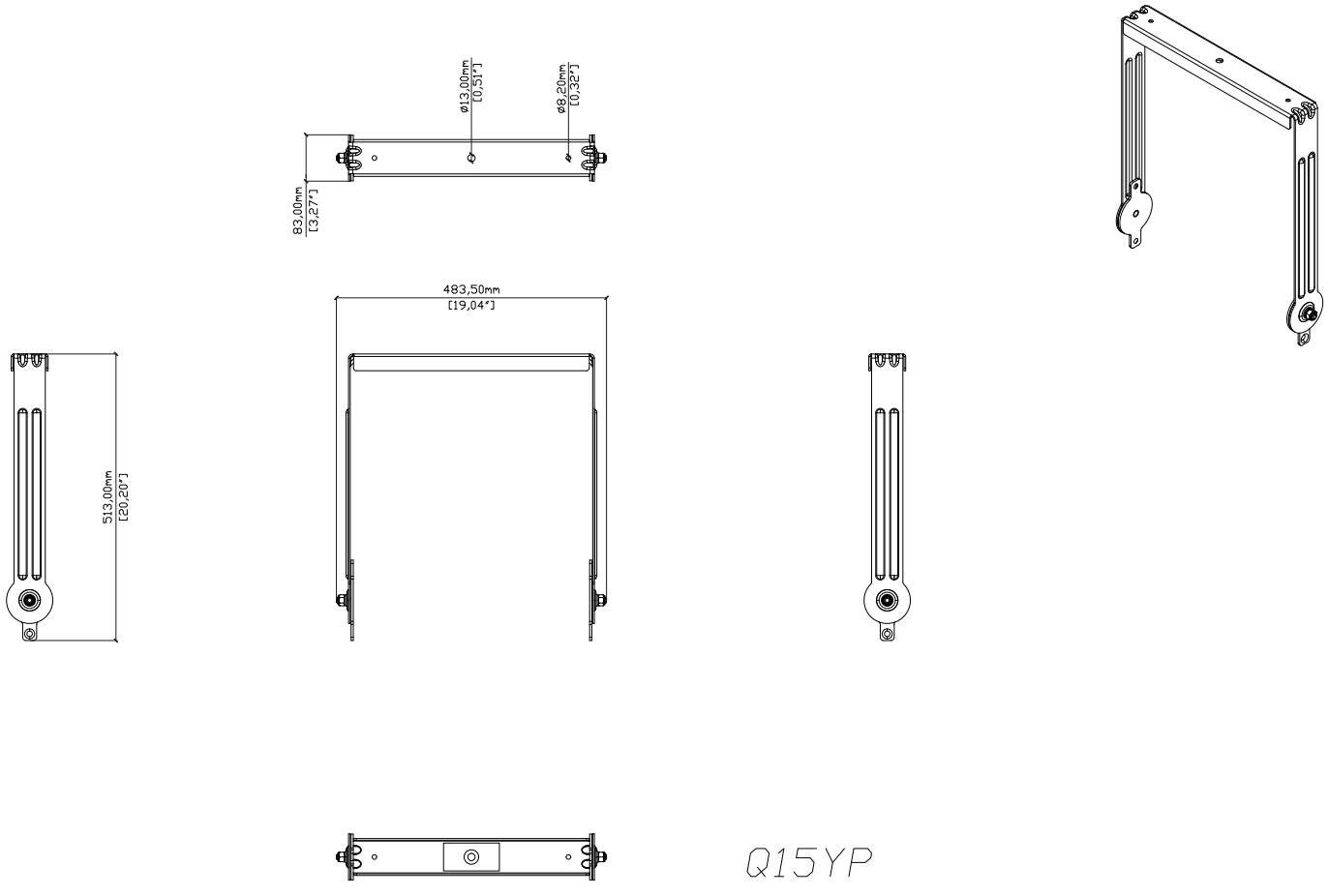




Q12YP

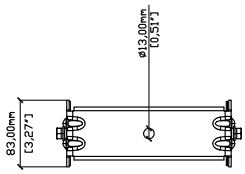
Portrait yoke for Q15

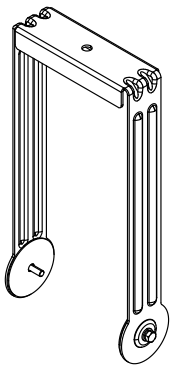
- Available in black only. Product code: Q15YP-B
- One central 13 mm (0.51 in) hole for mounting with an M12 or 1/2 inch bolt (not supplied)
- Two outer 8.2 mm (0.32 in) mounting holes
- For mounting details, see Portrait yoke mounting (page 21)
- Kit includes: 4 x M8 x 30 mm countersunk socket head screws
- Material: Weatherised polyester powder-coated steel
- Weight: 2.95 kg (6.50 lbs)

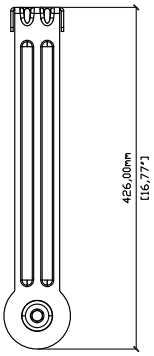


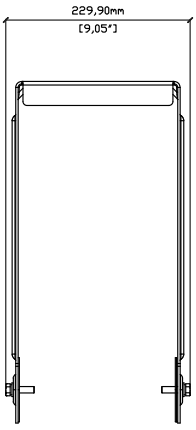
Portrait yoke for Q26

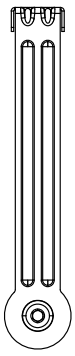
- Product code: **Q26YP-B** for black and **Q26YP-W** for white
- One central 13 mm (0.51 in) hole for mounting with an M12 or 1/2 inch bolt (not supplied)
- For mounting details, see Portrait yoke mounting (page 21)
- Kit includes: 2 x Self-adhesive circular pads
- Material: Weatherised polyester powder-coated steel
- Weight: 1.71 kg (3.77 lbs)

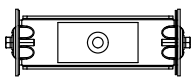








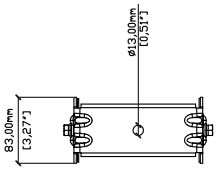


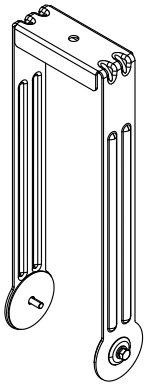


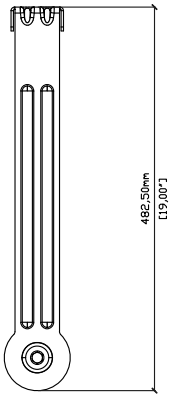
Q26YP

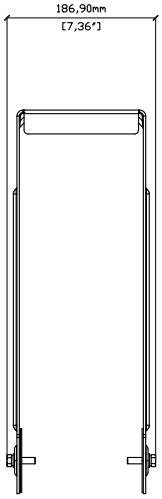
Portrait yoke for Q44

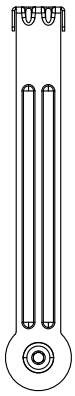
- Product code: **Q44YP-B** for black and **Q44YP-W** for white
- One central 13 mm (0.51 in) hole for mounting with an M12 or 1/2 inch bolt (not supplied)
- For mounting details, see Portrait yoke mounting (page 21)
- Kit includes: 2 x Self-adhesive circular pads
- Material: Weatherised polyester powder-coated steel
- Weight: 1.76 kg (3.88 lbs)

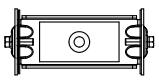






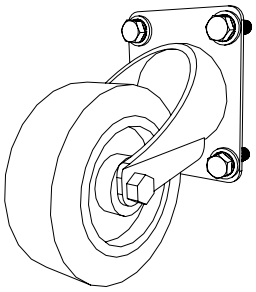






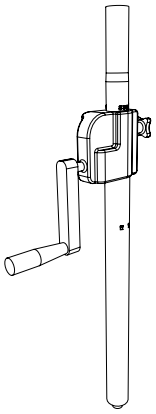
Q44YP

Set of four castors WHEELKIT



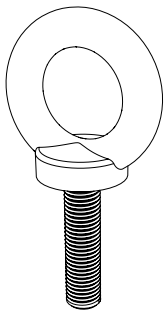
- Four heavy-duty 10 cm (4 in) swivel castors
- Fittings: 16 x M8 hex head bolts, 16 x flat washers and 16 x spring washers
- Compatible with SX115, SXC115, SXCF115, SX215, SX118, SXC118, SXCF118, SX218, SXP118, SXP218, Q118, Q218, X115, X118, X218, XP118, SXH218 and SXHF218

Wind-up telescopic pole ASF20071



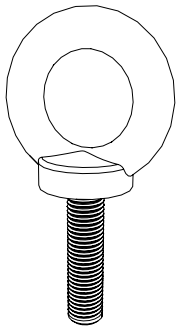
- Wind-up telescopic pole for mounting speakers on subwoofers
- Rugged steel pole with wind-up handle to allow you to raise and lower the speaker
- Locking screw and safety button
- Diameter: 35 mm (1 3/8 in) to fit standard top-hat fittings of portable speakers
- M20 threaded fitting to attach to the subwoofer
- Maximum load: 35 kg (77.2 lb)
- Pole length: 709 mm (27.9 in) to 1121 mm (44 in) including the section inside the top-hat fitting but excluding the threaded section that screws into the subwoofer

M8 eye bolt HTKCT05



- M8 eye bolt for flying individual speakers
- Bolt size: 8 mm x 1.25 mm thread size
- Shank length: 31.7 mm (1 1/4 in)
- Working load limit: 450 kg (992 lbs)
- Material: Forged steel
- Weight: 80 g (0.18 lbs)

M10 eye bolt HTKCT06



- M10 eye bolt for flying individual speakers
- Bolt size: 10 mm x 1.5 mm thread size
- Shank length: 35 mm (1 3/8 in)
- Working load limit: 740 kg (1,628 lbs)
- Material: Forged steel
- Weight: 120 g (0.27 lbs)

Troubleshooting

Sound not right. Make sure the input and output connectors are fully plugged into the sockets. Check the sound quality with headphones at the amplifier or preamp.

Technical support

For technical support, contact your supplier or Martin Audio. For Martin Audio technical support, visit martin-audio.com and select **Support > Support Contacts**.

Service

For service information, go to our website martin-audio.com and select **Support > Service & Returns**.

Warranty

For warranty information, go to our website martin-audio.com and select **Support > Service & Returns**.

Unpacking

After unpacking, carefully check your speakers for any signs of transit damage. If you find any issues, inform your dealer straight away. If possible, keep the packaging for future use.

Recycling

When the product reaches the end of its life, please dispose of it responsibly at a recycling centre.

Martin Audio Limited

Century Point

Halifax Road

Cressex Business Park

High Wycombe

Buckinghamshire

HP12 3SL

England

FOR SALES ENQUIRIES

UK

+44 1494 535 312

info@martin-audio.com

NORTH AMERICA

+1 323 381 5310

www.martin-audio.com

MARTIN AUDIO
LONDON