



qtxsound®

QT Active Sub Cabinets

User Manual

170.751, 170.755



Features:

- High output sub driver
- Dual ported enclosure
- Variable X-over frequency
- 35mm pole-mount fitting
- Perforated steel grille

Introduction:

Thank you for choosing the QT series active sub cabinet. Please read this manual prior to use.

The QT active speaker range has been designed to serve many varied applications, delivering clear, powerful sound reinforcement wherever it is needed. Please note: your QT sub cabinet may be supplied with more than 1 IEC mains lead. Be sure to use the correct lead, taking note of the outlet voltage and rating.

Warning:

To prevent the risk of fire or electric shock, do not expose this appliance to rain or moisture. To prevent electric shock do not remove the cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

Safety

- Prior to connecting mains, ensure that the supply voltage is correct and the mains lead is in good condition.
- Avoid ingress of water or particles into the enclosure.
- If the mains fuse blows, refer the unit to qualified service personnel

Placement

- Keep the unit out of direct sunlight and away from heat sources.
- Keep the unit away from moisture or dusty environments.

Cleaning

Use a soft cloth with a neutral detergent to clean the cabinet, panel and controls.
To avoid damage, do not use solvents to clean this equipment.

Control Panel



- 1) INPUT LEVEL – Volume rotary control for input
- 2) INPUT– XLR line input
- 3) PHASE – push in to invert (reverse) signal phase
- 4) THRU – Balanced XLR signal out link
- 5) FREQUENCY – Adjust cross-over cutoff frequency
- 6) POWER – on/off switch and indicator
- 7) AC INPUT – IEC mains inlet and fuse

Operation

With INPUT LEVEL turned fully down and power switch off, connect the IEC to an appropriate mains outlet.

Connect output of mixer or any line level signal to the INPUT via XLR.

If the signal is to continue to further active speakers, connect these from the THRU line level XLR.

Begin with the FREQUENCY control in the mid position (12-o-clock position)

Press the power switch on and gradually increase the INPUT LEVEL until the bass signal is heard through the speaker.

Turning the FREQUENCY control up will include more mid frequencies and turning it down will eliminate all but the lowest frequencies.

Adjust the FREQUENCY control to the desired tone, noting that lower settings may need the INPUT LEVEL turning up to compensate.

The PHASE switch can help eliminate speakers which are “out-of-phase” from cancelling each other’s signals out.

The correct setting for this switch is whichever setting gives the loudest output – by a process of trial and error.

One or other setting may also help to avoid feedback.

If there is no difference in volume or feedback, leave the switch in the “0°” position (out)

To avoid loud noises when powering down, turn down the OUTPUT LEVEL before switching off.

SPECIFICATIONS	QT15SA	QT18SA
Power supply	220-240Vac 50/60Hz (IEC)	
Cutoff Frequency	40 - 150Hz	
Connections	XLR line in, XLR line out	
Main driver	38cm (15") 8Ω	45cm (18") 8Ω
Output handling (max)	600W	1000W
Dimensions	515 x 420 x 615mm	585 x 475 x 675mm
Weight	22kg	29kg

Troubleshooting

No output and no LEDs lit	Check POWER switch is on
	Check mains lead is connected and fuse hasn't blown
Power LED lit but no sound from external inputs	Check signal leads are OK and connected properly
	Try turning up the FREQUENCY control
	Ensure input signal has some bass content for the sub to produce
	Check INPUT LEVEL control is not fully down