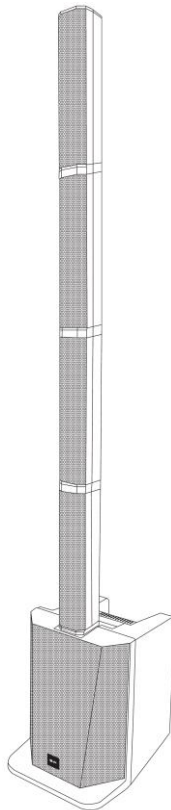


QUORUS

Column Array Set with B/T Wireless

Order ref: 178.230UK

User Manual



VERSION 1.0



Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

Introduction

Thank you for choosing a Quorus column array set. This system is designed to provide accurate and versatile sound reinforcement and is suitable for a wide array of applications ranging from public address for presentations to compact live sound system.

Package Contents

Please check the contents to ensure that the product has been received in good condition. If you find any accessory is missing or the product has arrived with any problems, please contact your retailer at once.

- Quorus 10in active sub cabinet
- 3 x column extension sections
- IEC power lead(s)
- Column speaker section
- Sub and column carry bags

This product contains no user-serviceable parts so make no attempt to try to fix or modify this item yourself as this will invalidate the warranty. We recommend you keep the original packaging and proof of purchase for any possible replacement or returned demand.

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, check the supply voltage is correct and the IEC mains lead is OK. Avoid ingress of water or particles into the enclosure. If the internal IEC fuse blows, refer the unit to qualified service personnel

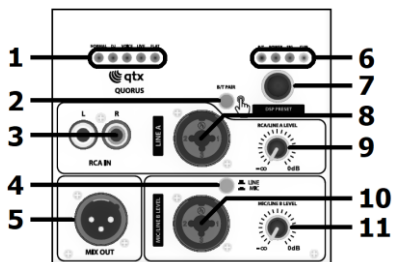
Placement

Keep the unit out of direct sunlight and away from heat sources. Place the unit in an upright position during use and storage. Keep the unit away from moisture or dusty environments.

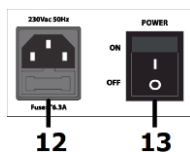
Cleaning

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



Rear panel



- 1 DSP voicing indicators
- 2 B/T pairing button
- 3 L+R RCA line A input
- 4 Mic/Line level switch
- 5 Balanced line output
- 6 B/T, power, signal and clip LEDs
- 7 DSP voicing selector
- 8 Line A XLR/jack combo input
- 9 Line A input level
- 10 Mic/Line B XLR/jack combo input
- 11 Mic/Line B input level
- 12 IEC mains inlet & fuse holder
- 13 Power on/off switch

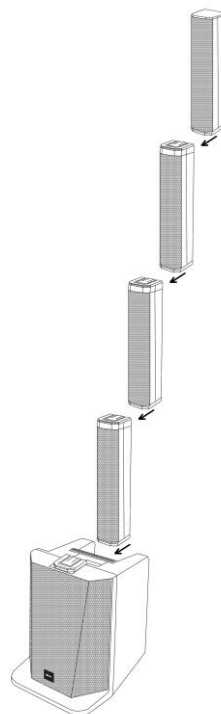
Setting up

The Quorus column array is supplied with 2 carry bags. One is for the sub cabinet and the other is for the column speaker and 3 extension sections.

Remove all parts from packaging or carry bags and position the sub cabinet where the system is required for use. Determine how tall the system needs to be, bearing in mind that the ideal height for the column speaker is just above head-height of the audience. It is possible to use 3, 2, or 1 extension sections, or even none if the array is positioned on a high stage.

Assemble the column by sliding extension sections from back to front onto the slot on top of the sub cabinet, slide further extension sections on top of each other in the same way, taking care not to use too much force.

Finally, slide on the column speaker section (this is the section with no connection slots on top).



Connections

Connect a line level signal to Line A input either via left+right RCA (3), 6.3mm jack or XLR (8).

If a microphone is to be connected directly into the Quorus system, use the Mic/Line B input (10) to connect a 6.3mm plug or XLR into and press the Mic/Line level switch to the in position (4). Otherwise, keep the Mic/Line switch in the out position to connect a line level input..

If the combination of inputs A and B are to be fed onto further equipment or active speakers, connect to these using the Mix Out connector (5) using a balanced XLR cable.

With the column fully assembled and making sure all parts are connected properly, connect the rear panel IEC connector to a 230Vac mains outlet using the supplied IEC power lead.

Operation

With level controls for input A and B (9, 11) turned fully down, switch on the power at the rear panel (13).

Play a signal (or speak into the microphone) whilst steadily increasing the level control for that channel to the required amount.

Note: point microphone(s) away from the speaker output to avoid feedback (loud howling or squealing caused by the microphone "hearing" its own output through the speakers)

The Quorus column array has a DSP (digital signal processing) circuit to control the response of the speakers, which can be set to suit the type of application. 5 different voicings are available - Normal, DJ, Voice, Live, Flat – which can be selected by rotating the DSP voicing selector (7) which steps through the voicings, confirmed by the DSP voicing indicators (1). Select the required DSP setting according to the type of music or sound reproduction.

Smartphone Connection

The Quorus column array has a B/T pairing button, which enables pairing with a smart phone when pressed. When the B/T Pairing LED is flashing, the Quorus is in pairing mode.

Open the blue tooth menu on the smart phone or tablet to be paired and search for "QUORUS". Select to pair with this device and the Pairing LED should stay on constantly to show that pairing is successful.

Playback of any audio from the paired smart phone or tablet will now be sent wirelessly to the Quorus Line A input, governed by the Line A input volume control (9). Be aware that the volume control on the sending device will also need to be turned up in order to hear the audio.

Before powering down the Quorus array, turn down both Line A input and Mic/Line B input to avoid any loud pops when switching off.

Specifications

Power supply	230Vac, 50Hz (IEC)
Fuse	T6.3A
Amplifier: construction	Class D
Sub driver	250mmØ (10") woofer
Column drivers	8 x 75mmØ (3") Neodymium
Output power: rms	300W (sub) + 75W (column)
Frequency response	40Hz - 19kHz
Sensitivity @ 1W/1m	97dB
Inputs	Mic/line (XLR/jack), Line (XLR/jack/RCA)
Wireless connection	B/T wireless pairing
Output connection	XLR line out
Sub cabinet dimensions	465 x 4620 x 350mm
Sub cabinet weight	13.42kg
Column extension section dimensions	421 x 90 x 89mm
Column extension section weight	1.02kg
Column speaker dimensions	409 x 90 x 89mm
Column speaker weight	1.62kg



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.
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