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citronic 171.231UK MONOLITH II Sub + Column Array User Manual

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Introduction

Thank you for choosing the Monolith II sub + column system. This set provides high quality and powerful sound reinforcement with a minimal footprint. Please read this manual prior to use to avoid damage through misuse.

Package Contents

Please check the contents of the 2 boxes to ensure that the product has been received in good condition.

- Active subwoofer
- Full range satellite column speaker
- Telescopic 35mmØ mounting pole
- Speaker connection lead
- IEC mains power lead

If you find any accessory is missing or the product has arrived with any problems, please contact your retailer at once. 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 package and proof of purchase for any possible return or servicing requirement.

Warning
To prevent the risk of fire or electric shock, do not expose this appliance to rain or moisture and avoid ingress of water into the enclosure. 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. If the mains fuse blows, refer the unit to qualified service personnel.
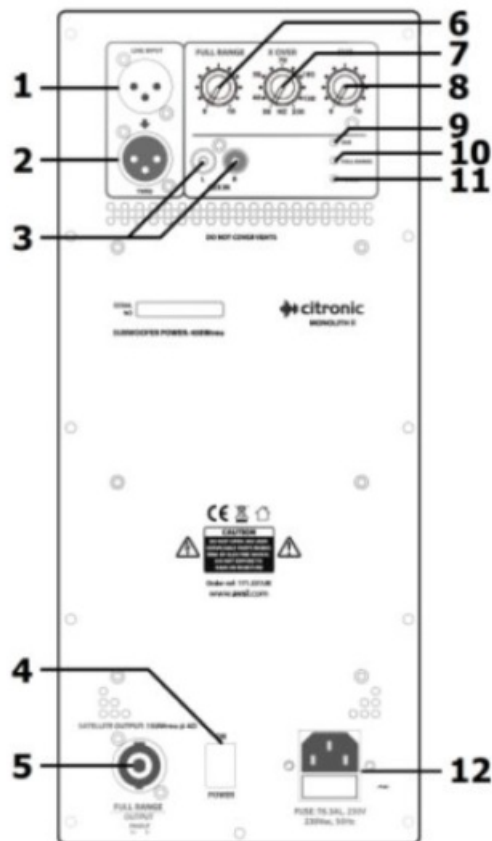
Placement
Keep the unit out of direct sunlight and away from heat sources. Keep the unit away from moisture or dusty environments.

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.

Rear Panel

1. XLR line input
2. XLR line output (through)
3. RCA L+R (summed) line input
4. Power on/off switch
5. Satellite speaker output (to column)
6. Full range output level
7. Subwoofer output level
8. Subwoofer output level
9. Full range clip indicator
10. Full range clip indicator
11. Power on indicator
12. IEC mains inlet & fuse holder

Setting up

Insert the threaded end of the telescopic speaker pole into the socket at the top of the subwoofer unit and turn clockwise until fully tightened in place.
Adjust the pole to the required height, locking in place with the attached pin. Mount the column speaker onto the 35mmØ pole and face towards the listeners.
Connect the satellite speaker output (5) to the column speaker using the supplied SPK lead. Connect a line level

(0dB = 0.775Vrms) input to the balanced XLR input (1) or alternatively to the unbalanced RCA sockets (3) If further Monolith II sets or other active speakers are to be connected to the same signal, use an XLR lead from the XLR line output (2) The subwoofer crossover frequency (7) will determine the point at which the subwoofer rejects mid and treble frequencies and can be voiced to suit the program material. Normally, this should be set between 70Hz and 120Hz and is a matter of personal preference. Connect the Monolith II subwoofer unit to the mains using the mains IEC lead supplied (12)

Operation

With volume controls (6, 8) turned fully down, switch on the power (4) Turn up the Full Range Volume control (6) part way with audio playing into the subwoofer and check the column speaker for output. Increase the Volume setting to the required level and then gradually increase the Subwoofer Volume level (8) to introduce the correct balance of sub frequencies. Adjust the subwoofer crossover (7) as desired, noting that lower frequency settings may need to be compensated with higher Subwoofer Volume settings. Ensure that volume controls are turned down before powering down and unplug from the mains when not in use for long periods.

Specifications

Power supply	230Vac, 50Hz (IEC)
Fuse	T6.3AL, 250V
Inputs	XLR, L+R RCA
Outputs	Speakon to satellite, XLR signal thru
Frequency response: -10dB	Sub: 40-120Hz, Column 120Hz – 20kHz
Max. SPL @ 1W/1m	Sub: 120dB, Column: 118dB
Sensitivity @ 1W/1m	Sub: 94dB, Column: 90dB
Drivers	Sub: 300mmØ (12") Column: 6 x 75mmØ (3") + 2 x 50mmØ (2")
Voice coil	Sub: 65mmØ, Column: 6 x 25mmØ + 2 x 19mmØ
Impedance	Sub: 4 Ohms, Column: 4 Ohms
Amplifier: construction	Class D bi-amp
Amplifier: output power: rms	Sub: 450W, Column output: 150W
THD	≤0.1% @ 1kHz (1W@4 Ohms)
Dimensions: sub cabinet	510 x 450 x 345mm
Dimensions: column	715 x 140 x 108
Weight: sub cabinet	18.72kg
Weight: column	5.15kg

Documents / Resources

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