

CV SERIES

Active Speaker Cabinets

Item ref: 178.154UK, 178.157UK,
178.160UK, 178.163UK

User Manual





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

Introduction

Thank you for choosing this CV series active cabinet. This cabinet combines a powerful digital amplifier section with a high density moulded enclosure for high output and efficient performance. Please read this manual prior to use to avoid damage through misuse.

Package Contents

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

- CV active speaker
- IEC mains power lead(s)

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 replacement or returned demand.

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

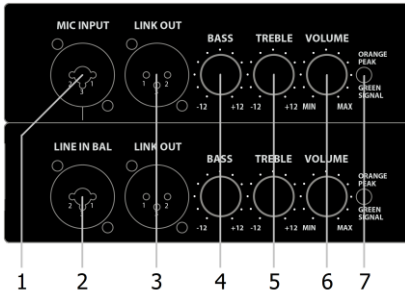
Placement

Keep the unit out of direct sunlight and away from heat sources.
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.

Rear Panel



1. MIC input (XLR or jack)
2. LINE input (XLR or jack)
3. LINK outputs (XLR)
4. BASS EQ controls
5. TREBLE EQ controls
6. VOLUME controls
7. SIGNAL/CLIP indicators

Operation

Connect the CV-series active speaker unit to the mains using the appropriate mains IEC lead supplied.

Combined 6.3mm jack or XLR (balanced or unbalanced) inputs are provided to connect either a microphone, line input or both. Tone shaping is available by adjusting the BASS and TREBLE controls and each input is governed by a VOLUME rotary control.

An XLR LINK output is provided from each input channel to link onto further active speakers.

Connect the required inputs and outputs and with the VOLUME controls down (anti-clockwise), turn the POWER switch on. BASS and TREBLE controls should remain pointing vertically (12-o'clock position). Gradually increase the volume and check that the signal is present by seeing the SIGNAL/CLIP indicator light up green and that the sound is being delivered from the speaker. Increase VOLUME to the required level.

When the signal level is too high, the SIGNAL/CLIP indicator will light red and the output may sound distorted. In this eventuality, reduce the VOLUME to the point where the indicator only lights red very briefly on the loudest peaks of the input signal(s).

Ensure that volume controls are turned down before powering down and unplug from the mains when not in use for long periods.

Specifications

Model	CV8A	CV10A	CV12A	CV15A
Power supply	110-240Vac, 50/60Hz (IEC)			
Flying Points	2 x M8 + 2 x rear hook points			
LF driver	200mm (8")	250mm (10")	300mm (12")	380mm (15")
LF driver: Coil size	35mmØ	50mmØ	65mmØ	75mmØ
HF driver	38mmØ Ti	38mmØ Ti	62mmØ Ti	62mmØ Ti
HF driver: Coil size	25mmØ	25mmØ	44mmØ	44mmØ
Power rating: RMS	75W	150W	300W	400W
Power rating: Max	150W	300W	600W	800W
Crossover frequency	3.5kHz	3.5kHz	3.0kHz	2.5kHz
Frequency response	60Hz-20kHz	55Hz-20kHz	45Hz-20kHz	40Hz-20kHz
SPL @ 1W/1m	97dB	99dB	101dB	103dB
Max SPL	121dB	125dB	127dB	129dB
THD	0.10%			
SNR	87dB			
Dimensions (mm)	415 x 285 x 265	505 x 335 x 310	610 x 390 x 350	735 x 475 x 420
Weight (kg)	10.5	14.5	18.5	23.5

Troubleshooting

No output and no LEDs lit	Check POWER switch is on
	Check mains lead is connected
	Check mains fuse hasn't blown
Power LED lit but no sound from external inputs	Check leads are OK and connected properly
	Check volume and on/off switch on external mic or line source
	Check VOLUME control is not fully down
Distorted or overdriven output	Ensure that a line level signal is not connected to MIC input
	Reduce the VOLUME until the SIGNAL/CLIP indicator is lit green
	Reduce BASS and TREBLE controls if set high
Output is too low	Ensure that a microphone is not connected via the LINE input
	If SIGNAL/CLIP indicator is not showing red, increase VOLUME
	If BASS and TREBLE controls are set low, increase both controls



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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