

C 1002A, C 1006A & C 1010A Bi-Amplified PA Speakers



C 1002A 10" 180W

C 1006A 12" 200W

C 1010A 15" 250W

Powered Public Address Speakers



OVERVIEW

The REDBACK C 1002A, C 1006A and C 1010A are rugged, heavy duty and fully self contained powered PA speakers. Utilizing a powerful internal amplifier and high efficiency 2 way speaker system, these speakers are ideal for all types of PA requirements.

FEATURES:

- Neodymium woofer for light weight and low distortion
- Rugged moulded ABS construction.
- Cast aluminium frame bass driver with large voice coil diameter
- Inbuilt top hat mount and carry handle
- Wide frequency response
- Titanium diaphragm compression driver
- 4 metric M8 rigging points
- Bi-Amplification – separate amplifiers for each driver

NOT FIELD SERVICEABLE.

For repair return to your nearest authorised service centre.

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INSTRUCTIONS FOR USE:

1. Make sure the unit is switched off before making any connections.
2. Set all level controls to a minimum before proceeding.
3. Connect your desired input device(s) to the speaker. Note that there are inputs for both "line" level (CD player, Tape deck, Tuner, Mixer etc) and "mic" level (Direct microphone input).
4. If more than one speaker is to be used with the same input source, you only need to connect the input device to one of the speakers, and a suitable cable should be run from the "line out" of the first speaker to the "line in" of the second.
5. When all connections have been made, switch on the speakers.
6. Adjust the volume, bass, and treble controls to a suitable level.

SPECIFICATIONS:

	C 1002A (10")	C 1006A (12")	C 1010A (15")
Power output	180W RMS	200W RMS	250W RMS
Amplifier distortion	0.3%	0.15%	1%
Frequency response	50Hz-17kHz	40Hz-17kHz	40Hz-17kHz
Crossover specifications	3.5KHz 12dB/Oct	2.5KHz 12dB/Oct	2.5KHz 12dB/Oct
SPL	96.5dB @ 1m, 1W	95.5dB @ 1m,1W	97.4dB @ 1m,1W
Signal to noise ratio	-95dB	-82dB	-82dB
Input Sensitivity:			
Mic Inputs	2mV	2mV	2mV
Line Inputs	0.3V	0.3V	0.3V
Woofer specifications:			
Magnet type	Neodymium	Neodymium	Neodymium
Voice coil	52.5mm	65.5mm	77mm
Compression driver specifications			
Magnet type	KAPTON/TL	KAPTON/TL	KAPTON/TL
Diaphragm Size	34mm	44mm	44mm
Output connectors			
Line out	6.35mm Jack / Bal XLR	6.35mm Jack / Bal XLR	6.35mm Jack / Bal XLR
Input connectors			
Mic inputs	6.35mm Jack / Bal XLR	6.35mm Jack / Bal XLR	6.35mm Jack / Bal XLR
Line inputs	2 X RCA / Bal XLR	2 X RCA / Bal XLR	2 X RCA / Bal XLR
Controls			
Mic inputs	Volume	Volume	Volume
Line inputs	Volume	Volume	Volume
Bass	+/- 12dB	+/- 12dB	+/- 12dB
Treble	+/- 12dB	+/- 12dB	+/- 12dB
Master	Volume	Volume	Volume
Power	On / Off Switch	On / Off Switch	On / Off Switch
Indicators	Clip LED, Power LED	Clip LED	Clip LED
Power supply	115 VAC / 230(240) VAC	115 VAC / 230(240) VAC	115 VAC / 230(240) VAC
Protection	2A 250V	5A 250V	3A 250V
Dimensions	335 x 260 x 472 mm	430 x 310 x 580 mm	430 x 355 x 685mm
Weight	15kg	21 Kg	28 Kg
Colour	Black	Black	Black
Stand mount hole	35mm	35mm	35mm

Connection Detail

