

HD-series

Column Speakers 100V

Item ref: 952.171UK, 952.174UK

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 the Adastra HD series 100V indoor ceiling speakers as part of your sound reinforcement system. Please read and keep this manual for future reference.

Installation

The HD series column speakers are supplied with a top and bottom bracket for mounting to a wall or upright support. The top bracket can be extended to allow a downward angle if mounting at height. Lateral adjustment is afforded by pivoting the speaker on the brackets.

The bottom of each HD series column speaker is fitted with a speaker wire. Connect this wire to the output of a 100V amplifier by linking the white core to "100V" (or +) and the black core to "COM" (or -). If extending this cable, be sure to use 2-core double-insulated cable which is the same power handling as the speaker wire or higher.

The bottom of each column speaker also has a rotary volume adjustment, which can be set to a number of "Wattage" settings. These will set the maximum power for the column speaker at 100V. Alternatively, the speaker may be switched to a low impedance setting for use with a standard (non-100V) amplifier. For HD30V, impedance is 8Ω, for HD60V it is 4Ω. Check the amplifier manual for correct impedance and do not exceed the RMS power rating of the column speaker.



HD30V



HD60V

Specifications

	HD30V	HD60V
LF drivers	2 x 100mmØ (4") PP cone	4 x 100mmØ (4") PP cone
HF drivers	1 x 12mm (0.5") mylar tweeter	2 x 12mm (0.5") mylar tweeter
Power handling: RMS	30W	60W
Power handling: Max	60W	120W
Impedance (nominal)	8Ω	4Ω
Tappings	30, 20, 10, 5W & 8 Ohms	60, 40, 20, 10W & 4 Ohms
SPL @ 1W,1m	85dB	90dB
Frequency response (-10dB)	150Hz - 20kHz (-10dB)	
Dispersion angle	160°	
Dimensions	485 x 150 x 105mm	890 x 150 x 105mm
Weight	2.95kg	5.40kg



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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