

MUSIC CABINET Loudspeaker

➤ **JD20**



ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model JD20 or equal and approved. The enclosure shall be ported and constructed of high impact ABS plastic, treated with UV inhibitors. The grille will be manufactured from mild steel with an epoxy coated finish. The speaker assembly shall comprise of a 110mm bass/mid-range polypropylene coned loudspeaker and a 25mm Mylar dome tweeter complete with neodymium magnet. Cabinet shall be available in black or white and be aesthetically pleasing.

The loudspeaker shall have a wide-angle dispersion with a smooth extended frequency response.

The speaker must be provided with a ball jointed uni-directional bracket enabling adjustment in both the vertical and horizontal plane. The speaker bracket must allow for easy access for adjustment before and after it has been installed.

RATED POWER	20W
DRIVER IMPEDANCE	16 OHMS
EFFECTIVE FREQUENCY RANGE (BS6840 PART 5)	63 - 20kHz
SPL @ 1W/M (TEST SIGNAL 100Hz - 10kHz)	84dB
DISPERSION AT 1k/2kHz	180/100
AXIAL Q FACTOR AT 1k/2kHz	3.5/7.1
COLOUR	WHITE OR BLACK

All units to be tested in accordance with BSEN60268-5



Penton UK Ltd

Unit 2 Teville Industrials | Dominion Way | Worthing | West Sussex | BN14 8NW

T: +44 (0)1903 215315 | F: +44(0)1903 215415 | E: SALES@PENTONUK.CO.UK

www.pentonuk.co.uk

ISSUE MAY 2010

MUSIC CABINET

Loudspeaker

➤ **JD20/T**



ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model JD20/T or equal and approved. The enclosure shall be ported and constructed of high impact ABS plastic, treated with UV inhibitors. The grille will be manufactured from mild steel construction with an epoxy coated finish. The assembly of the speaker shall comprise of a 110mm bass/mid-range polypropylene coned loudspeaker and a 25mm Mylar dome tweeter complete with neodymium magnet. Cabinet shall be available in black or white and aesthetically pleasing.

The loudspeaker shall be rated at 100 volt line and have a wide-angle dispersion with a smooth extended frequency response.

The JD20T will be supplied with a tapping selector switch, accessible from the front of the cabinet with 3dB steps of 20, 10, 5 and 2.5 watts.

The speaker must be provided with a ball jointed uni-directional bracket enabling adjustment in both the vertical and horizontal plane. The speaker bracket must be accessible for easy adjustment before and after it has been installed.

RATED POWER	20W
TAPPINGS	20/10/5/2.5W
EFFECTIVE FREQUENCY RANGE (BS6840 PART 5)	63 - 20kHz
SPL @ 1W/M (TEST SIGNAL 100Hz - 10kHz)	84dB
DISPERSION AT 1k/2kHz	180/100
AXIAL Q FACTOR AT 1k/2kHz	3.5/7.1
COLOUR	WHITE OR BLACK

All units to be tested in accordance with BSEN60268-5



Penton UK Ltd

Unit 2 Teville Industrials | Dominion Way | Worthing | West Sussex | BN14 8NW

T: +44 (0)1903 215315 | **F:** +44(0)1903 215415 | **E:** SALES@PENTONUK.CO.UK

www.pentonuk.co.uk

ISSUE MAY 2010