

Ahuja introduces a professional compression driver CD-80, suitable for high power speaker systems. With a suitable horn it is ideal for use with low frequency speakers AHUJA L15-MB300, L15-MB400 and L15-MB500.

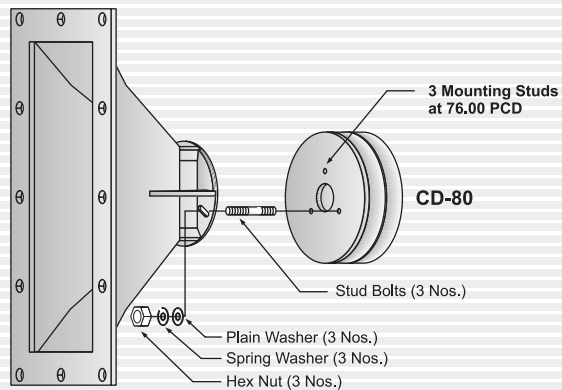
- 80 Watts power handling capacity
- 600 Hz cut-off frequency
- Recommended crossover frequency 2.5kHz.
- Strontium ferrite magnet
- High SPL of 108 dB
- TITANIUM diaphragm
- EDGE WOUND copper clad aluminium ribbon wire voice coil
- Voice coil former of resin bonded KAPTON

Specifications

Throat Diameter	: 25mm (1")
Mounting Type	: Bolt-On
Nominal Impedance	: 8 ohm
D.C. Resistance	: 6.4 ohm
Power Capacity	: 80W (Continuous Program)
Sensitivity 1W/1M	: 108dB with H-4220
Usable Frequency Range	: 1.5K~18kHz
Recommended Crossover	: 2.7kHz 18dB/oct
Voice Coil Diameter	: 44.4 mm (1.75")
Flux Density	: 1.7 T
Magnet	: Strontium Ferrite
Diaphragm	: Titanium
Voice Coil Material	: Edge Wound Copper Clad Aluminium Ribbon
Voice Coil Former	: Resin Bonded Kapton
Weight	: 2.5kg approx.

Specifications with Ahuja H-4220 horn fitted.
Horn not supplied with CD-80.

Mounting



- Step 1** Remove CD-80 compression driver from its packing box.
- Step 2** Remove horn from its packing box.
- Step 3** Take out the packet containing stud bolts, washers and one tightening spanner from the box of CD-80.
- Step 4** Place M6 stud bolt into 3 threaded holes of CD-80.
- Step 5** Place horn over the stud bolts fitted in CD-80.
- Step 6** Place the plain washer, the spring washer and the hex nut over the 3 stud bolts and tighten them fully by using suitable tool.

Provided with the product:
 Stud Bolt M6x25 (3 Nos.)
 Hex Nut M6 (3 Nos.)
 Plain Washers (3 Nos.)
 Spring Washers (3 Nos.)
 Spanner (1 No.)



WARNING

- Do not connect the amplifier output direct to CD-80 for a listening test.
- The compression driver has frequency response from 1.5kHz to 18kHz. Feeding signal with complete frequency response can damage the diaphragm of CD-80.
- Therefore, feed the music signal through a proper crossover network to limit frequency response of music signal.

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