

Quest AV Model MD12 Media Distribution Amplifier

The Quest AV model MD12 is a specialised audio distribution amplifier designed to provide a professional quality mono audio signal to the Media, eliminating the usual unsightly tangle of microphones, digital recorders, smartphones, cables, etc.

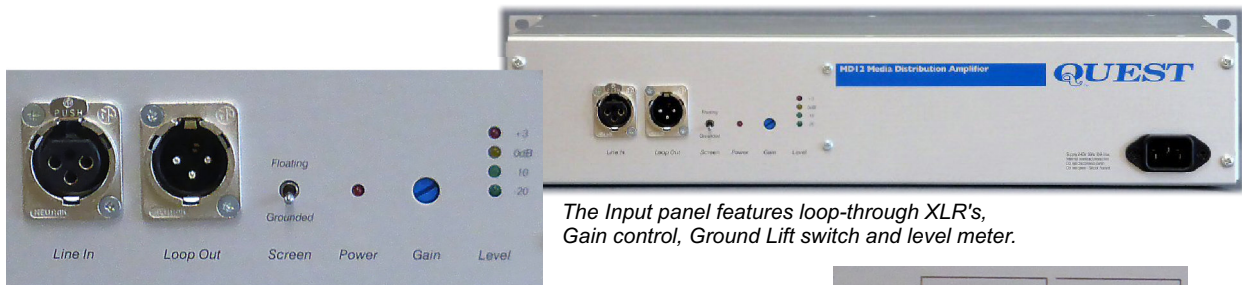
The input panel has a loop-through, high impedance, balanced line level input with male and female XLR's,

screwdriver accessible gain adjustment ($\pm 20\text{dB}$), i.e.d. level meter and ground lift switch. On the Output Panel there are the twelve balanced XLR outputs, level and ground lift switches and a second i.e.d. level meter.

All outputs are electrically isolated from each other and the input, and each has it's own line / mic. level switch (0dB/-40dB) plus a ground lift switch.

Six of the outputs have a 6.35mm ($\frac{1}{4}$ ") 3-part jack socket and the other six have an RCA / Phono socket in parallel with their associated XLR for maximum versatility.

Any microphone amplifier or sound mixing equipment capable of outputting a level between -16dBu and +24dBu can drive the MD12.

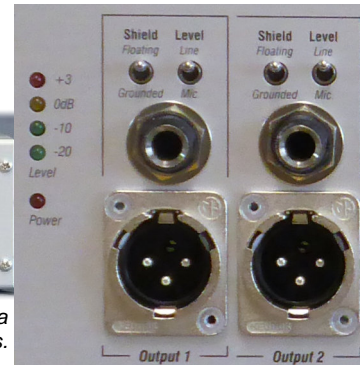


The Input panel features loop-through XLR's, Gain control, Ground Lift switch and level meter.



The mains socket and rack mounting brackets can be relocated.

An output level meter is provided for the Media and each user has their own controls.



The MD12's output circuitry has been designed to feed modern solid-state equipment with high impedance line level inputs or low impedance microphone inputs on portable recorders, sound mixers, etc.

The outputs can be used in any combination of line level, mic. level, balanced, unbalanced, grounded, and ungrounded.

The settings and connections of any output will not affect any others. Any 'Ground loops' that occur can quickly and safely be

dealt with by the ground lift switches to be found at each output and the input.

There is sufficient internal gain and attenuation to allow level shifting. The led meters read the line output level, and input levels from +24dBu down to -16dBu may be adjusted for +4dBu line level output.

Specifications:-

Maximum output level +24dBu, Frequency response -3dB at 15Hz and 30KHz @ -6dBu, Distortion <0.1% @ 1KHz / +4dBu. Wide-band hum & noise

<-90dBu. Power 240V, 50/60Hz, less than 7VA, 2U aluminium case 200mm deep.

Also available:

120Vac and 12-24Vdc versions.

Other features:-

The MD12 may be rack-mounted, or the rack 'ears' can be removed for table-top use. The end panels and the mains input socket can be reversed, allowing the Input Panel or the Output Panel to be the 'front'.

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