

SPLITTER

MM 1-1-2-8 Allegro and Crescendo



Splitter MM 1-1-2-8 is a **high quality professional audio signal splitter** for use on stage, in studio, in OB vehicles etc. This passive splitter offers mic and line signal levels splitting without coloring the signal. On the input side (on the back) it has female Combo™ (combination of XLR and 1/4" phone jacks). The direct output (highest row on the front) and two transformer isolated outputs (mid and lowest row on the front) are all male XLR connectors.

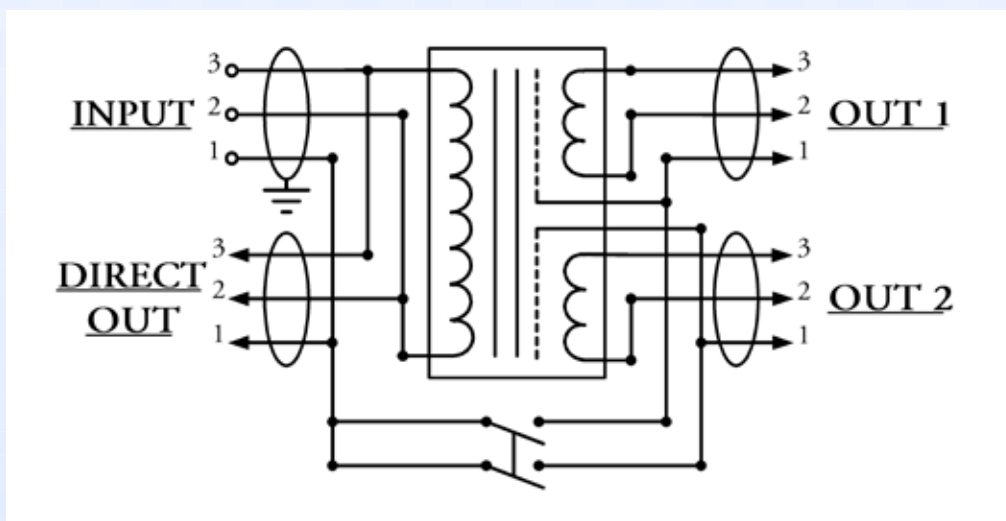


Under the handle are protected, lockable ground lift switches for the isolated outputs. These allow the user to configure the outputs for different grounding situations and to eliminate ground loops. Splitter MM 1-1-2-8 is passive, which means **no batteries, "wall warts" or power cords are required**. The Splitter is also virtually **service free**, because there are no parts that can malfunction. The rugged steel housing ensures that the Splitter will not pick up noise from RF (wireless mics, TV links, mobile phones etc.) or AC mains (cables, transformers...) and will lead a long and productive life on stage and in similar harsh environments.

We are very proud to use the famous Lundahl Transformers products in our Splitter. Lundahl is a Swedish company that has designed and manufactured superb audio transformers for 50 years. Their quality is attested to by a long list of famous companies in the audio industry and many, many hi-fi enthusiasts.



SPLITTER SCHEMATIC
(Only 1 channel of 8 shown)



*Note: Transformers are isolated between each other and chassis.
Connectors bodies and chassis have contact.*

The Splitter is available in two variants, both with Lundahl's transformers inside:

Allegro - with LL1581XL transformer for pro audio applications.
Great sound with high immunity to external magnetic fields.

Crescendo - with LL7904 transformer for the absolute best in performance and very high signal levels. This splitter has no equal on the market!

Features and technical data:

- There are 8 channels in the rugged steel housing.
- Each channel consists of the input, one direct output and two transformer isolated outputs.
- Each transformer output winding has its own Faraday shield.
- Phantom power is passed through Direct output to Input.
- Combo™ receptacles accommodate XLR and balanced ¼” connectors. These connectors have very low conductor capacitance.
- RF rejection ensured thanks to transformer’s audio bandwidth.
- Ground lift switches for isolated outputs are splashproof and lockable.
- Switches for ground lift are dust and splash water proof, with integral locking lever.
- Made without circuit boards which breaks in case of fall.
- Internal cables are made of high quality cable, terminated carefully.
- Neutrik XLR male connectors are used for optimal RF protection using 3 shield contacts. The connectors are mounted inside of the housing to improve HF immunity.
- Allegro version have silver plated Neutrik XLR contacts.
- Crescendo version have gold plated Neutrik XLR contacts for best performance.

MM1128	Allegro	Crescendo
Bandwidth	10Hz - 100KHz +/-0.5 dB	10Hz - 80KHz +/-0.5 dB
CMRR @ 20KHz	>60dB	>60dB
THD+N 1% @ 50Hz	+27dBu	xxx
THD+N 0,07% @ 50Hz	xxx	+30dBu
THD+N @ 50Hz +10dBu	0,005%	0,015%
THD+N @ 1KHz +10dBu	0,001%	0,01%
THD+N @ 1KHz +20dBu	0,0016%	0,003%
Weight	5,20kg / 11,46pounds	6,00kg / 13.22pounds
Dimensions L x W x H	310x285x157mm / 12,20x11,22x6,18inches	



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