

ZÄHL IM1

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INSERT MASTER module with stereo input/output, stereo insert send and return in the space of two 500 series modules



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M/S INSERT MASTER

...another AM1 spin-off
in the 500 series format

AM1 is our state-of-the-art pure analog mixing console delivering superb sound quality and comprehensive functionality. IM1 packs the functionality of the AM1 INSERT and STEREO stages and several added controls into a 2-slot 500 series module.

FEATURES

- Switchable stereo INSERT with optional MID/SIDE mode
- SEND BOOST up to +20 dB
- DRY/WET RETURN RATIO control
- Selectable impedance on RETURN (600R, 2k, line)
- STEREO BASE (width) control switchable between MID/SIDE and CONSTANT MID mode
- GAIN (± 10 dB) and L/R BALANCE (± 2.5 dB) compensation on INPUT and OUTPUT
- SIGNAL/OVERLOAD meter LEDs at INPUT and OUTPUT
- MONITORING of SEND and RETURN signals
- BYPASS

TYPICAL APPLICATIONS AND BENEFITS

IM1 provides extended options when inserting outboard analog signal processors into your audio chain for post-processing, mastering, mixing or



recording - whether in an analog or digital environment (with ADDA conversion). In mid/side or conventional left/right stereo modes it offers control over gain, drive, impedance, stereo image and dry/wet balance for parallel processing at high end sound quality.

CONNECTIONS

IM1 is a 2-slot 500 series module with stereo input, stereo output and stereo insert send and return. When installed in a Zähl Rack500 a dedicated rear panel provides all connections (8 XLR connectors). As the 500 series standard provides only one balanced I/O per slot, the enclosed additional breakout panel with 4 XLR connectors is needed to operate IM1 in a standard 500 series rack - requiring one additional slot.