

- Compact mixer-amplifier
- 7-channel mixing console
- Built-in 2 x 500 Watt amplifier
- 3 microphone inputs at the frontside
- Extra output for secondary zone
- Built-in SPL limiter
- Easy to use
- Only 6 kg total weight

























## Multifunctional 2-zone mixer-amplifier combination with huilt-in limiter



Space-efficiency is becoming more and more important. It is a proven fact that size has it's limitations. Until now, ... when Dateq has come up with the ultra light MAC5 mixeramplifier combination.

The MAC5 is the answer to the question for a compact, powerful multifunctional mixer-amplifier combination.

2 zones, 7 inputs and a built-in sound pressure limiter makes the MAC5 a compact music center, suitable for pub, installation, or rental venue.





The MAC5 has 9 inputs, divided over 7 channels. The first 3 are provided INPUTS CHANNELS with a microphone

preamplifier with a 2-band equalizer and a gain control for optimum speech intelligibility. A separate "gain" control trimmer at the backside of the unit may result in a overall straight volume level for each channel. Also saturation because of a to high input level can be prevented.



The MAC5 is a powermixer, at which the manager can take control over the whole music scene. Next to the active Z O N E S master A output, the second (master

B) output can be used for a second zone with an external amplifier.



Channel one is fitted with two microphone inputs (one the front and one on the backside) A "Talk over" TALK OVER switch can be activated to make an

announcement overriding the current playing

The threshold can be trimmed accordingly. With this function one can take very quick action in case of a calamity.



Both the master A and master B outputs are fitted with a two-way. equalizer.



The two master A speaker outputs at the MAC5 are of the Speakon NL4 type. This modern connectors are heavy duty MASTER and can stand up to high power and

have a sturdy construction. Also the connection will be functioning trouble free for "life". This makes the MAC5 suitable for both installation and rental venues.

The master B output can be used to address a second zone through an external amplifier. This output is asymmetrical.



The powerful amplifier section of the MAC5 delivers 2 x 500Watt.

WATT This newly designed "Class D" circuit is MINPLIFIER not only very energy efficient, but also

compact and very light.

This amplifier is capable of giving extra headroom without any difficulty's under the most demanding circumstances.

The built-in fan cooler is part of the temperature controlled heat dissipation management.



To keep the installation even more compact, a simple SPL limiter has been built -in.

LIMITER With this feature, the maximum output of the amplifier can be restricted to the maximum allowed (restricted) volume. Afterwards the unit can be sealed (if needed).



A send & return in and output is another feature to be found at the backside of the MAC5.

This can be set in a "link" and "chain"

modus.

This makes it possible to connect an external reverb or equalizer unit.



OUTPUTS

A sub output for an optional subwoofer is also part of the design. The low-pass filter output will let all

SUB LOW OUT signals below 120 Hz. pass.

Through the extended low frequency range, extra "warmth" and "richness" will be added to the music when an (active) powered subwoofer is connected.

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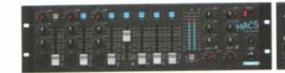
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## Technical specifications 1



INPUTS Mic, XLR-3F electronical Impedance	ly balanced
Signal Level50dBu (a) 600 (2 nominal, adju	stable level
Input noise<-100 Headroom	dB (IHF-A)
LINE 1-LINE 2 cinch, Signal level	unbalanced
Signal level	10 kΩ
Crosstalk	dB @ 1kHz dBu(IHF-A)
TONE CONTROL CHANNEL 1 and 2 High	

Input noise	<-/8 dBu(Int-A)
TONE CONTROL CHANNEL 1 and 2 High	0 kHz +/- 15dB shelving 80 Hz +/- 18dB shelving
TONE CONTROL MASTER High	2 kHz +/- 15dB shelving 50 Hz +/- 18dB shelving

