



- 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



**DATEQ**  
**MAC5**  
MIXER-AMPLIFIER COMBINATION



Space-efficiency is becoming more and more important. It is a proven fact that size has its limitations. Until now, ... when Dateq has come up with the ultra light MAC5 mixer-amplifier 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.

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**Dateq Audio Technologies B.V.**  
De Paal 37,  
NL-1351 JG Almere. Holland  
Tel +31(0)36 54 72 222  
Fax +31(0)36 53 17 776  
E-mail info@dateq.nl  
Internet www.dateq.nl

**9 INPUTS** **7 CHANNELS** The MAC5 has 9 inputs, divided over 7 channels. The first 3 are provided 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 an overall straight volume level for each channel. Also saturation because of a too high input level can be prevented.

**2 ZONES** The MAC5 is a powermixer, at which the manager can take control over the whole music scene. Next to the active master A output, the second (master B) output can be used for a second zone with an external amplifier.

**TALK OVER** Channel one is fitted with two microphone inputs (one the front and one on the backside) A "Talk over" switch can be activated to make an announcement overriding the current playing source. The threshold can be trimmed accordingly. With this function one can take very quick action in case of a calamity.

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

**MASTER** The two master A speaker outputs at the MAC5 are of the Speakon NL4 type. This modern connectors are heavy duty 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.

**2x500 WATT AMPLIFIER** The powerful amplifier section of the MAC5 delivers 2 x 500Watt. This newly designed "Class D" circuit is 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.

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

**EFFECT RETURN** 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.

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

### Technical specifications <sup>1</sup>



**INPUTS**  
Mic, XLR-3F ..... electronically balanced  
Impedance ..... 3 kΩ  
Signal level ..... -50dBu @ 600 Ω nominal, adjustable level  
Input noise ..... <-100 dB (IHF-A)  
Headroom ..... 19dB

**LINE 1-LINE 2** ..... cinch, unbalanced  
Signal level ..... 0 dBu  
Impedance ..... 10 kΩ  
Crosstalk ..... >65 dB @ 1kHz  
Input noise ..... <-78 dBu(IHF-A)

**TONE CONTROL CHANNEL 1 and 2**  
High ..... 10 kHz +/- 15dB shelving  
Low ..... 80 Hz +/- 18dB shelving

**TONE CONTROL MASTER**  
High ..... 12 kHz +/- 15dB shelving  
Low ..... 50 Hz +/- 18dB shelving

**OUTPUTS**  
Master ..... NL4 connectors  
Master Cinch ..... cinch, unbalanced/0 dBu, 600 Ω  
Headphones(CUE) ..... 6.3 mm stereo-jack/ 0.3 W @ 4..32Ω  
Output power ..... 2x500 Watt RMS/4Ω - 2 x 280 Watt RMS 8Ω

**FREQUENCY RESPONSE**  
Mic to Master ..... 25 Hz - 25 kHz, +/- 1 dB  
Line to Master ..... 10 Hz - 25 kHz, +/- 1 dB

**GENERAL**  
Power supply ..... 195-250 VAC/50-60 Hz  
Power consumption ..... 1000 W (max)

**DIMENSIONS (W x H x D)**  
Front ..... 483 x 132 mm (19inch-3HE)  
Cutout ..... 445 x 132mm (W x H)  
Depth ..... 210 mm (excl. connectors)

**WEIGHT**  
Weight ..... 6,5 kg