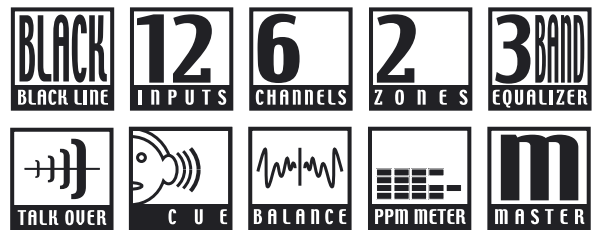




- **Routable, 2 zone mixer**
- **6 Channels, 12 inputs**
- **Talkover circuit**
- **3 Way equalizer**
- **Ergonomical layout**



DATEQ
ONYX



Dateq's multifunctional desk: the best mix in every night spot!



In many clubs and similar establishments, there is a need to send 2 different signals from the mixer to 2 different zones within the establishment, or to have separate volume and tone control in these 2 zones. The ONYX is a compact mixer panel tailored to meet this need.

12
INPUTS

6
CHANNELS

This mixer has 6 channels, with 2 inputs per channel. A total of 3 microphones and 9 line signals can be connected to the mixer panel. The first 2 channels are provided with a microphone preamplifier with 2-band equalizer and gain control for optimum speech intelligibility. One of channel 1's connectors is situated on the front panel to permit a microphone to be plugged in quickly. Channel 2 can be switched from microphone to stereo line sensitivity; the other 4 stereo channels are provided with dual line input, permitting connection of audio sources like CD or MD players, tuners, video etc. A turntable can also be connected, if a Dateq MD2 RIAA preamplifier is available. Channel 6 also has a jukebox input, which can be given priority by suppressing the other channels.

2
ZONES

The ONYX has a unique zone system permitting 2 different signals to be extracted from the mixer. 2 switches on each channel allow the channel signal to be sent to zone A or zone B. This makes it possible to play a CD in the bar, while the same mixer is used for a meeting in the rear conference room. The signal can also be sent to both outputs, so that e.g. general announcements will be heard in both zones.

TALK OVER

The ONYX is provided with a talkover switch on the front panel. When this is switched on, the input signal on the microphone channel is given priority over all other channels. The response level (threshold) is adjustable, so that important announcements are always heard clearly.

3 BAND
EQUALIZER

The ONYX has 2 fully independent stereo outputs, each of which is provided with 3-band equalizer permitting accurate tone correction. The output of master A is balanced, making it possible to use long signal cables so that the amplifier of this group can be placed as close as possible to the speakers. Master B has unbalanced outputs.

m
MASTER

The ONYX is provided with clearly readable LED VU meters showing the Master signal levels, and with Cue facilities on each channel. In addition, handy little LEDs are placed next to all switches so that the operator can see at a glance which circuits are in use. Thanks to its rugged construction, excellent design and careful choice of materials, ONYX users are guaranteed years of faithful service. Even under the most extreme circumstances, this multifunctional mixer ensures the right mix.

Technical specifications ¹



INPUTS

Mic, XLR-3F electronically balanced
Impedance 3 kΩ
Signal level -50dBu @ 600 Ω nominal, adjustable level
Input noise <-117 dB (IHF-A)
Headroom 30dB

LINE 1-LINE 2 cinch, unbalanced
Signal level 0 dBu
Impedance 10 kΩ
Crosstalk >65 dB @ 1kHz
Input noise <-86 dBu (IHF-A)

TONE CONTROL CHANNEL 1 and 2

High 10 kHz +/- 15dB shelving
Low 80 Hz +/- 15dB shelving

TONE CONTROL MASTER

High 12 kHz +/- 15dB shelving
Mid 1400 Hz +/- 12 dB Bell
Low 50 Hz +/- 15dB shelving

OUTPUTS

Master XLR XLR-3M, balanced/+6 dBu, 600 Ω
Master Cinch cinch, unbalanced/0 dBu, 600 Ω
Record cinch, unbalanced/0 dBu, 600 Ω
Headphones(CUE) 6.3 mm stereo-jack/ 0.3 W @ 4..32Ω

FREQUENCY RESPONSE

Mic to Master 80 Hz - 25 kHz, +/- 1 dB
Line to Master 20 Hz - 25 kHz, +/- 1 dB

GENERAL

Power supply 220-240 VAC/50-60 Hz
Power consumption 10 W

DIMENSIONS (W x H x D)

Front 483 x 221 mm (19inch-5HE)
Cutout 445 x 217 mm (W x H)
Diepte 105 mm

WEIGHT

Weight 3,7 kg

1) Reference level 0 dB = 0.775 V

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