



14 INPUTS	7 CHANNELS	3 BAND EQUALIZER	BALANCE	AUX SEND BUS	CUE
EFFECT RETURN	MONITOR	PPM METER	SUB LOW OUT	Y SPLIT	T TRANSFORM
BEAT COMPARE	X CROSS FADER	M MASTER			

DATEQ
APOLLO

DATEQ APOLLO

Apollo: A giant leap for mankind!



Apollo, the handsome young Greek god of prophecy, gifted musician and protector of young men, has come down to Earth on an important new mission. Transformed into a very complete mixer, his task is to make life easy for a new generation of DJs.

The Apollo has lots of interesting features like the Beatcompare circuit and the popular Transform buttons. Let's get into the groove!

The Apollo also has an Effect Return input and external reverberation can easily be mixed directly onto the master.

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14
INPUTS

7
CHANNELS

The Apollo has 7 channels, each with 2 inputs. A total of 2 microphones, 3 turntables and 9 line signals (CD or MD players, sampler, groovebox, keyboard etc.) can be connected up to the mixer panel. In addition, each channel has a 3-way (A-Master-B) switch, allowing each channel to be linked to the A or B side of the crossfader.

X
CROSS FADER

The Apollo's crossfader is VCA driven. This means that no audio signals pass through the fader, just control voltages. Thanks to this, the life of the fader is dramatically increased and problems such as noise and loss of sound are things of the past.

T
TRANSFORM

The Apollo is also provided with the popular "transform" buttons. When one of these buttons is pushed in, the signal from the crossfader becomes visible. It disappears again when the button is released ... an extra tool for the creative DJ.

BEAT COMPARE

The built-in Beatcompare circuit, incorporating advanced microprocessor technology, is absolutely unique. It allows the beats from 2 signals to be displayed side by side on the crossfader. Arrows

show clearly whether the pitch of the source to be adjusted has to be raised or lowered to achieve equality. The Beats can now be superimposed. This function makes seamless crossover a piece of cake.

CUE **SPLIT**

The Apollo has gain control and 3-band equalizer in each channel. The Cue function allows you to listen to the audio signal in each channel before you release it, while the Split function gives you the cue signal and the master signal simultaneously over the headphones.

SUB LOW OUT

The "Sub low" output allows you to amplify frequencies under 125 Hz separately. The Master output has both XLR-balanced and cinch connections, and the monitor output can be adjusted separately.

EFFECT RETURN

An extra feature provided on the Apollo is the Effect Return input, which allows external reverberation to be mixed directly on to the Master. The Effect Sends feature permits similar introduction of reverberation in the microphone inputs with the aid of jumpers on the pre- or post-fader.

TECHNICAL SPECIFICATIONS¹⁾



INPUTS

Mic, XLR-3F electronically balanced
Signal level -54dBu @ 600 Ω nominal, adjustable Level Impedance 3 kΩ
Input noise <-107 dB (IHF-A)
Headroom 20dB

PHONO INPUTS

RIAA pre-amplifier
Signal level 5 mV @ 1 kHz
Impedance 47 kΩ/ 25pF nominal
Crosstalk >65 dB @ 1kHz
Input noise <-80 dB(IHF-A)

LINE INPUTS

cinch, unbalanced
Signal level -14 dBu @ 600 Ω nominal
Impedance 22 kΩ nominal
Crosstalk >65 dB @ 1kHz
Input noise <-80 dB(IHF-A)

SPECIAL INPUTS: EFFECT RETURN

Signal level 0 dBu
Impedance 10 kΩ

TONE CONTROL CHANNEL 1 and 2

High 10 kHz +/- 15dB shelving
Mid 1400 Hz +/- 12 dB Bell
Low 80 Hz +/- 15dB shelving

TONE CONTROL CHANNEL 3...7

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
Monitor cinch, unbalanced/0 dBu, 600 Ω
Record cinch, unbalanced/0 dBu, 600 Ω
Sub 6.3mm jack, mono, unbalanced/0 dBu, 600 Ω, <125Hz
Lightshow 6.3 mm jack, mono/ 0dBu/ transformer output/ 10 kΩ
Effect send mono 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 20 W
Lamp connection BNC 12Vdc/ 3W

DIMENSIONS (W x H x D)

Front 483 x 355 mm (19inch-8HE)
Cutout 448 x 338 mm (W x H)
Depth 107 mm

WEIGHT

Weight 6,0 kg

1) Reference level 0 dB = 0.775 V