



Technische Informationen Engineering Data Sheet

CMS 600-3

COMPACT MIXING SYSTEM

Beschreibung

Das Compact Mixing System CMS 600-3 ist ein professionelles Mischpult das aufgrund der vielen integrierten Features, wie Equalizer und Effektgeräte, eine optimierte Komplettlösung für unterschiedlichste Einsatzgebiete darstellt. Das CMS-Pult kann äußerst zeitsparend und einfach aufgebaut werden, da komplizierte Rack-Konfiguration und störanfällige Verkabelung mehrerer Einzelgeräte entfallen. Durch die ergonomische Pultform und die übersichtliche, strukturierte Anordnung der Bedienteile hat man stets alles im Blick und kann schnell und problemlos auf jedes Bedienelement zugreifen. Das geringe Gewicht und die kompakten Abmessungen erlauben den problemlosen Transport des Gerätes. Für den Einbau des CMS in ein Rack oder einen Einbautisch können die Kunststoffseitenteile durch Metall-Rackwinkel ersetzt werden. Mit seiner großen Anzahl von Funktionen, der hohen Dynamik, seinem rauscharmen Design, dem 24bit-Dual-Stereo-Effektteil und nicht zuletzt dem 4-Kanal USB 2.0 DIGITAL AUDIO INTERFACE ist das CMS universell einsetzbar.

Description

Because of its comprehensive set of integrated features – like equalizer and effects units – the Compact Mixing System DYNACORD CMS 600-3 is a professional mixer offering an optimized all-in-one solution for basically any application. The CMS console is quickly set up. Complicated rack configuration and interference-prone wiring of several single components cease to apply. The mixer's ergonomic console shape and clearly structured controls provide perfect overview for instant access at all times. Also during the transport you will quickly learn to appreciate the CMS's superiority: compact dimensions and a very low weight. However, if you would rather like to install your CMS in a 19" rack shelf, no problem. The only thing you have to do is to replace the plastic side panels by a pair of metal rack mount ears. Through its multiple functions, its high dynamic capacity, and extremely low-noise design in combination with its 24-bit Dual-Stereo effect unit and the USB 2.0 DIGITAL AUDIO INTERFACE, the CMS is best equipped for universal use.

Part Number

CMS 600-3	Compact Mixing System (4 x Mic/Line + 2 x Super-Channel + 2 x Stereo-Line)	DC-CMS600-3-UNIV
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Inhalt

1 x CMS
1 x Bedienungsanleitung
1 x Netzkabel (2 Meter)
1 x Garantiekarte mit Sicherheitshinweisen
1 x Installationshinweise für Steinberg Cubase LE
1 x Software Lizenz für Steinberg Cubase LE

Contents

1 x CMS
1 x Owner's manual
1 x Mains cord (2 meters)
1 x Warranty certificate including safety instructions
1 x Installation card for Steinberg Cubase LE
1 x Software license sheet for Steinberg Cubase LE



Property	CMS 600-3
Channels	4 + 2 + 2
MIC/Line-Mono	4
MIC/Line-Mono / USB-Stereo (Super Channel)	2
Line L-R / CD-IN-Stereo	2
Auxiliaries (AUX, MON)	Pre/Post switchable, Pre
MIC GAIN (LINE -20 dB)	+10 to +60 dB
TRIM LINE/CD (Stereo)	-10 to +20 dB
THD , at 1 kHz, MBW = 80 kHz	
MIC input to Master A L/R outputs, +16 dBu, typical	< 0.005%
Frequency Response , -3 dB, ref. 1 kHz	
Any input to any Mixer output	15 Hz to 70 kHz
Crosstalk , 1 kHz	
Channel to Channel	< -80 dB
Mute and Standby switch attenuation	> 100 dB
Fader and FX/AUX/MON-Send attenuation	> 85 dB
CMRR , MIC input, 1 kHz	> 80 dB
Input Sensitivity , all level controls in max. position	
MIC	-74 dBu (155 µV)
LINE (Mono)	-54 dBu (1.55 mV)
LINE (Stereo)	-34 dBu (15.5 mV)
CD (Stereo)	-34 dBu (15.5 mV)
Maximum Level , mixing desk	
MIC inputs	+12 dBu
Mono Line inputs	+31 dBu
Stereo Line inputs	+30 dBu
All other inputs	+22 dBu
All other outputs	+22 dBu
Input Impedances	
MIC	2 kOhms
CD In	10 kOhms
All other inputs	> 15 kOhms
Output Impedances	
Phones	47 Ohms
All other outputs	75 Ohms (unbalanced), 150 Ohms (balanced)
Equivalent Input Noise , MIC input, A-weighted, 150 ohms	-130 dBu
Noise , Channel inputs to Master A L/R outputs, A-weighted	
Master fader down	-100 dBu
Master fader 0 dB, Channel fader down	-92 dBu
Master fader 0 dB, Channel fader 0 dB, Channel gain unity	-82 dBu
Equalization	
LO Shelving	±15 dB / 60 Hz
MID Peaking	±12 dB / 2.4 kHz
HI Shelving	±15 dB / 12 kHz
Master EQ 9-band (63, 125, 250, 500, 1k, 2k, 4k, 6.3k, 12k Hz)	±10 dB / Q = 1.5 to 2.5
Filter	
LO-CUT, mono inputs	f = 80 Hz, 18 dB/oct.
Filter	
LO-CUT, mono inputs	f = 80 Hz, 18 dB/oct.
Display	128 x 64 pixels, OLED
Effects	
Type	Dual stereo 24/48-bit multi effects processors
Effects presets	100 Factory + 20 User, Tap-Delay
Remote control	Footswitch, MIDI
Digital Audio Interface	
Channels	4 In / 4 Out
AD/DA Conversion	24-bit
Sampling Rate	44.1 / 48 / 88.2 / 96 kHz
PC Interface	USB2.0, Female Type B



Property	CMS 600-3
MIDI Interface	5-pin DIN connector, In / Out
Protection	
Mixer Outputs (Relay controlled)	AUX, MON, MASTER A L/R
Switching Mode Power Supply (μ C controlled)	Mains Over/Undervoltage
Phantom Power , switchable	48 V DC
Power Requirements (SMPS with auto range mains input)	100 V to 240 V AC, 50 Hz to 60 Hz
Power Consumption	35 W
Safety Class	I
Ambient Temperature Limits	+5 °C to +40 °C (40 °F to 105 °F)
Dimensions (W x H x D), mm	416.9 x 108.6 x 347.8 Rack-mount (7.5 HE): 483.0 x 99.1 x 332.6
Weight	
Net Weight	5.8 kg
Shipping Weight	7.8 kg
Warranty	36 months
Optional Accessories	
RMK-600-3 (Rack Mount Kit for CMS 600-3)	F01U214881 (DC-RMK-CMS-3)
FS 11 (Footswitch with LED)	F01U100598 (DC-FS11)
Carrying Bag for CMS 600-3	F01U259015 (DC-BAG-600CMS)

Device in rated condition, unity gain (MIC gain 20 dB), all faders position 0 dB, all pots in mid position, master fader +6 dB, unless otherwise noted.



DYNACORD



