



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 |
|------------------|--|------------------|

Inhalt

- 1 x CMS
- 1 x Bedienungsanleitung
- 1 x Netzkabel (2 Meter)
- 1 x Garantiekarte mit Sicherheitshinweisen
- 1 x DVD mit USB-Treiber, Dokumentation, Software,...

Contents

- 1 x CMS
- 1 x Owner's manual
- 1 x Mains cord (2 meters)
- 1 x Warranty certificate including safety instructions
- 1 x DVD with USB driver, documentation, software,...



| Property | CMS 600-3 |
|---|--|
| Order No. | F01U213891 DC-CMS600-3-UNIV |
| 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 |



| Property | CMS 600-3 |
|--|--|
| Sampling Rate | 44.1 / 48 / 88.2 / 96 kHz |
| PC Interface | USB2.0, Female Type B |
| 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 , at 1/8 maximum output power, 4 Ohms | 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.



