KMX01 KARAOKE DJ STATION

Product Description

The only all inclusive system of its kind, the KMX01 features dual CD+G drives with an integrated mixer and is the perfect all-in-one solution for DJs and clubs to add Karaoke to their entertainment mix.

Offering three microphone inputs with tone control, two composite video switched outputs for graphics, and ± 12% pitch control with a pitch bend wheel among its key attributes, the KMX01 is ideal for mixing Karaoke CD+G and regular audio CDs.

Dimensions & Weight
Dimensions:
445 (W) x 258 (D) x156 (H)mm

Weight:
5.4 Kgs

Key Features

- Composite video outputs tied to a crossfader automatically select output source for seamless visual transitions on two video monitors
- Three microphone inputs with tone control capability (one with XLR & 1/4-inch; two with 1/8-inch)
- Echo effect control on the performer's mic inputs
- EQ in master section
- External inputs for two line level signals that are switchable with two phono signals
- ± 12% pitch bend capability via pitch bend/jog wheel
- True continuous playback and track sequence programmable
- Fader start button for precise song starts

KMX01 KARAOKE DJ STATION

Specifications

Power	DC12V 3.0A
Features	1) 3 band EQ for master output 2) Super wide viewing angle display 3) Power on/off muting 4) Cross Fader Start Function 5) Mic Echo System 6) Peak Level Meter 7) CDG Function 8) VCA controlled channel and crossfader

Input/Output Impedance & Sensitivity:
(Master 0dBV Output, Load=100KOHM, Maximum Gain, EQ Flat)

Aux	47K OHM / -14dBV (200mV) ±2dB
Phono	47K OHM / -50dBV (3.16mV) ±2dB
Mic	3K OHM / -54dBV (2mV) ±2dB
Master	1K OHM
Master XLR	600 OHM / 0dBm (815mV) ±2dB
Phones (load=32 ohm)	33 OHM / 0dBV (1V) ±3dB

Frequency Response: (EQ Flat, Master Unbalanced Output)

Aux	20 – 20KHz ±2dB
Phono	20 – 20KHz +2/-3dB (RIAA)
Mic	20 – 20KHz +2/-3dB

THD + N: (Master 0dBV Output, Maximum Gain, w/ 20kHz LPF)

Aux	Less Than 0.05%
Phono	Less Than 0.2% @ 1KHz (A-WEIGHTED)
Mic Note: 0dBV=1V rms	Less Than 0.3% @ 1KHz (A-WEIGHTED)

Maximum Input:
(1KHz,THD=10%, EQ Flat, Maximum Gain, Master Fader @ Center)

Aux	More Than +6dBV
Phono	More Than -30dBV
Mic	More Than -34dBV

Maximum Output:
(THD=10%, Maximum Gain, EQ Flat)

Master	More Than +16dBV (6.3V) at load=100K OHM
Phones	More Than +3dBV (1.4V) at Load=32 OHM

S/N Ratio:
(Maximum Gain, EQ Flat, W/ 20KHz LPF, A-Weighted)

Aux	More Than 78dB
Phono	More Than 60dB
Mic	More Than 75dB (with noise gate)

Specifications (continued)

Crosstalk: **(Maximum Gain, Master 0dBV Output, A-Weighted)**	
Aux	More Than 65dB At 1KHz Between L and R
Phono	More Than 55dB At 1KHz Between L and R
EQ	
Hi	• 12 ± 2dB @ 13KHz • -12 ± 2dB @13KHz
Mid	• 12 ± 2dB @ 1KHz • -12 ± 2dB @ 1KHz
Low	• 12 ± 2db @ 70Hz • -12 ± 3dB @ 70Hz
Fader Maximum Attenuation	
Channel Fader	More Than 70dB at 1KHz
Crossfader	More Than 70db at 1KHz
Channel Balance	Within 3db
Mic Tone	
VR Max	-12 ±2dB @ 100Hz, 11.5 ±2dB @ 10KHz
VR Min	12 ±2dB @ 100Hz, -12 ±2dB @ 10KHz
CD Section	
Play Ability	
Interruption	More Than 800uM (TCD-725)
Block Dot	More Than 600uM (TCD-725)
Finger Prints	More Than 65uM (TCD-725)
Eccentricity	More Than 140uM (TCD-712)
Vertical Deviation	More Than 500uM (TCD-731R)
Access Time **(Test CD: TCD-792)**	
Short Access Time	Less Than 4sec to Next Track
Long Access Time	Less Than 6sec from First Track to Last Track
Audio Characteristics **(EQ Flat)**	
Output	0dBV ±2dB (TCD-782 TRK16, ALL FADER MAX)
THD+N	LESS THAN 0.09% (TCD-782 TRK16; With 20KHz LPF, All Fader Max)
Frequency Response	20 - 20KHz +/- 2dB (Master Set To 10dBV Outout)
S/N Ratio	More Than 80dB (With 20KHz LPF)
CH Separation	More Than 65dB @ 1KHz (With 20KHz LPF, A-Weighted)
DE-Emphasis	-20dB ±2dB (TCD-782 TRK14)