

BROADCAST CONSOLES



DM M16

12 modules frame 16

DM M24

12 modules frame 24



DM Broadcast Mixer Console may be configured according to customer requirements, 12 modules frame 16 (M16) or 12 modules frame 24 (M24) offer endless possibilities of configuration. The master module offers 4 outputs, 1 Jack and 3 balanced signal distribution. Outputs dedicated to recording or production won't interfere with direct broadcast thanks to Mixer's AUX modules. Each module has balanced inputs, EQ, gain and balance. High-precision LED meters allow optimum control of output levels and cueing.

Modules configuration can be as follows:

- MIC / LINE
- LINE / LINE
- TELEPHONE HIBRYD
- TELCO

MODULE OVERVIEW:

MASTER: Balanced outputs on XLR, 2 headphones OUT, Tuner / Sat / Ext In, Camera SPK and HP OUT, AUX1 / AUX2 / output REC

MIC / LINE:

Balanced inputs on XLR, insert in for microphone processors, parametric tone control, channel assignment to PGM-AUX1-AUX2-REC outputs, Fader Start, signal lights, control room and control studio management.

LINE / LINE:

Balanced inputs on XLR, tone control (high / medium / low), channel assignment to PGM-AUX1-AUX2-REC outputs, Fader Start, balanced IN 2 on Jack.

TELEPHONE HYBRID:

INTEGRATED, high-quality audio with balanced IN / OUT, SEND ADJ and Reception level, private function with microphones master module, channel assignment PGM-AUX1-AUX2-REC.





MONO INPUT MODULE (MIC/LINE):

MIC Input (XLR F) Microphone Input, phantom power available by jumpers setting. (Pin1: ground; Pin2: In phase; Pin 3: Out of phase).

LINE (Mono) Input (XLR F) Mono Line Input with XLR connector. (Pin1: ground; Pin2: In phase; Pin 3: Out of phase).

Insert (JACK F) Input with JACK 1/4". (Pin1: ground; Pin2: In phase; Pin 3: Out of phase).

Adj Screw for gain adjust.

Jumper Section It's possible able or disable the channel functions by this jumpers (go to page 7)

LINE (Source Selector) Button to choose the input signal of the channel (Mic or Line).

GAIN Adjust the incoming signal level on the channel input.

HIGH Adjust high frequencies.

MID Adjust mid frequencies (KHz and dB).

LOW Adjust low frequencies.

PAN L/R Allows adjustment between the left and the right channel output.

OUT BUS Selection Output BUS Selection (Master, SUB 1, SUB 2).

PFL Button Switch for the pre-listening function.

ON Button Channel ON / OFF Switch.

FADER
The linear fader controls the module's overall level. The fader knob position is electronically sensed when the fader is open and generates (when programmed with jumpers) the start for remotely connected devices.

STEREO INPUT MODULE (LINE/LINE):

Input A (2x XLR F)
Stereo Input A with 2 XLR. (Pin1: ground; Pin2: In phase; Pin 3: Out of phase).

Input B (2x JACK 1/4")
Stereo Input B with JACK 1/4". (Pin1: ground; Pin2: In phase; Pin 3: Out of phase).

Jumper Section It's possible able or disable the channel functions by this jumpers (go to page 9)

A/B (Source Selector) Button to choose the input signal of the channel (Input A or Input B).

GAIN Adjust the incoming signal level on the channel input.

HIGH Adjust high frequencies.

MID Adjust mid frequencies (KHz and dB).

LOW Adjust low frequencies.

PAN L/R Allows adjustment between the left and the right channel output.

OUT BUS Selection Output BUS Selection (Master, SUB 1, SUB 2).

PFL Button Switch for the pre-listening function.

ON Button Channel ON / OFF Switch.

FADER
The linear fader controls the module's overall level. The fader knob position is electronically sensed when the fader is open and generates (when programmed with jumpers) the start for remotely connected devices.

TELEPHONE HYBRID MODULE

TEL (RJ11) Telephone Setconnection.

LINE (RJ11) Telephone Line Connection.

Euro-Block Connector Relay to control an external Signaling Source for the Incoming Calls.

Line Adj Screw for the gain adjust.

Jumper Section It's possible able or disable the channel functions by this jumpers (go to page 11)

BUZZ If pressed it activate the ring inside the Telco Module.

HOOK Switch to send the telephone call from the telephone set into the mixer.

RECEIVE Adjust the RECEIVE signal.

SEND Adjust the SEND level.

PAN L/R Allows adjustment between the left and the right channel output.

OUT BUS Selection Output BUS Selection (Master, SUB 1, SUB 2).

PRIVATE Button Switch for the pre-listening function.

ON Button Channel ON / OFF Switch.

FADER
The linear fader controls the module's overall level. The fader knob position is electronically sensed when the fader is open and generates (when programmed with jumpers) the start for remotely connected devices.

OUTPUT MODULE - MASTER

MST OUT (2x XLR M) MAIN Output of the mixer with 2 XLR. (Pin1: ground; Pin2: In phase; Pin 3: Out of phase).

Crm.SpK (JACK 1/4") Output for audio monitor of control room with JACK 1/4". (Pin1: ground + Out of phase; Pin2: Phase 1; Pin 3: Phase 2).

Stu Ph. (JACK) Output for headphones of Guests. (Pin1: ground + Out of phase; Pin2: Phase 1; Pin 3: Phase 2).

PWR Power connector of the mixer.

St.SPK Audio monitor for guest Output with 15 pin connector.

to meter Connected to the meters on the front panel of the mixer.

MST/TUN Source selector (Master or Tuner) for the headphones and the audio monitor for the guests.

PFL Source selector (Pre-listening) for the headphones and the audio monitor for the guests.

St. Mute LED signal for monitoring the Mute functions of the audio monitors in the guest side when using the microphones.

C.rm. Mute LED signal for monitoring the Mute functions of the audio monitors in the control room when using the microphones.

Studio SPK Adjust the Audio monitor level on the guest side.

Studio PH Adjust the Headphones level on the guest side.

C.Room SPK Adjust the Audio monitor level on the control room.

C.Room PH Adjust the Headphones level on the control room.

Mst, Tun, Ext, PFL Switches to set which source monitoring on the control room speakers.

PFL Reset Reset all of the "PFL switches" activated on the input channels.

Talkback Switch to activate the "Talk Back" function from the control room to the guest headphones.

Mic Adj Screw to adjust the microphones level during the Talk Back.

Phones 1 e 2 Headphones Output for the control room.

