



Soundcraft™

D-MIX
1000

D-MIX 1000 TYPICAL SPECIFICATIONS AND DIMENSIONS

Frequency Response

Mic/Line Input +0, -1.0dB, 20Hz to 20kHz

Noise

Mic input E.I.N. (20Hz - 20kHz bandwidth, unweighted)
Less than -128dB
(150ohm source)

Line inputs Less than -80dB

Distortion

Line In to L-R Output Less than 0.005% @ 1kHz

Crosstalk

Channel to Channel Less than -85dBu @ 1kHz

Input Levels

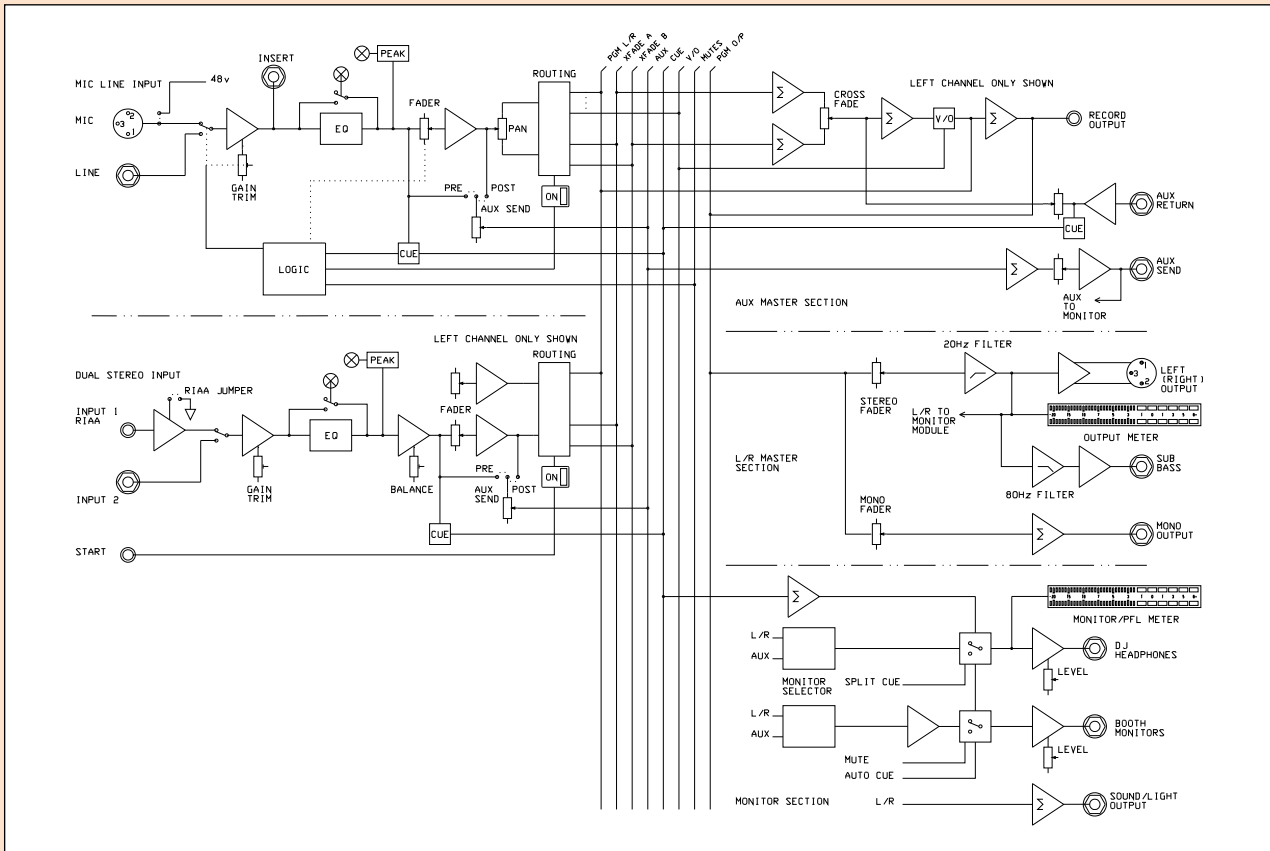
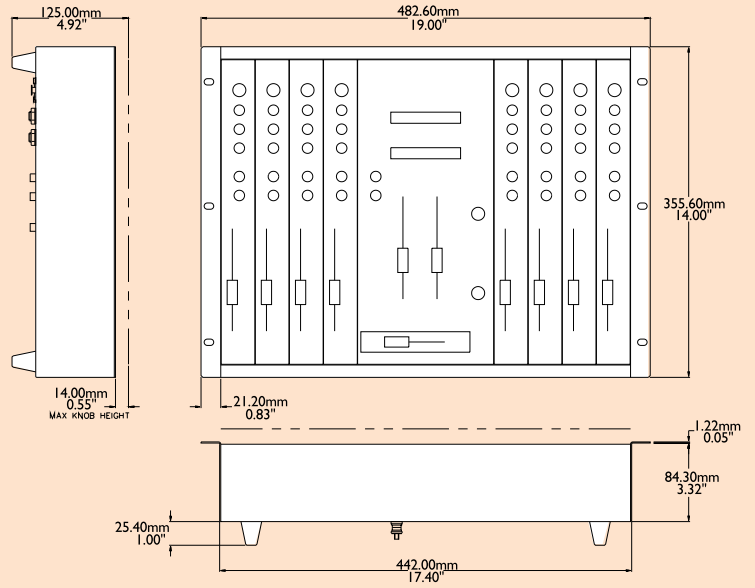
Mic input -70dBu to -16dBu nominal (+4dBu max)
Line input -46dBu to +8dBu nominal (+22dBu max)

Input Impedances

Mic input Greater than 2kOhm balanced
Mono line input Greater than 20kOhm balanced
Stereo line input Greater than 10kOhm unbalanced

Output Levels

L-R output level +4dBu for 0VU nominal (+26dBu max)



Soundcraft Electronics Limited reserve the right to improve or otherwise alter any information supplied in this document or any other documentation supplied hereafter.



Harman International Industries Limited
Cranborne House, Cranborne Industrial Estate, Potters Bar, Hertfordshire EN6 3JN, UK
Tel: +44 (0) 1707 665000 Fax +44 (0) 1707 660482

Soundcraft JBL Professional, 8500 Balboa Blvd, Northridge, CA 91329 USA
Tel: 1-818-893-4351 Fax: 1-818-893-0358 Flashfax: 1-818-895-8190

HA Harman International Company

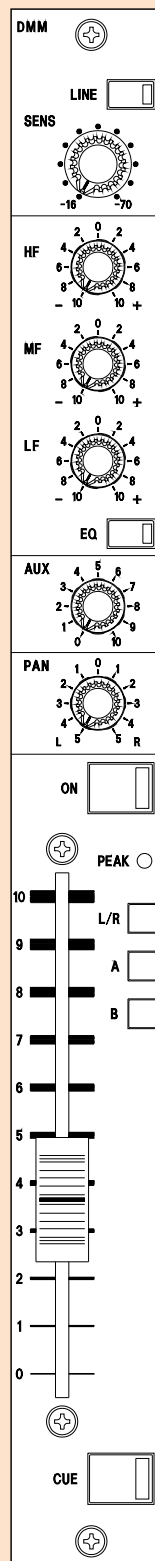
Part no: A4: ZL0181
US: ZL0182

Soundcraft has been at the heart of the music industry since its beginnings and is the first choice in studios and touring systems worldwide - so who better to provide exactly the right equipment for the most prestigious club and discotheque installations.

Combining our unrivalled knowledge of live sound with over twenty years' experience designing the world's favourite audio consoles, the D-MIX 1000 represents the ultimate in high-performance mixing for the professional DJ.

Available in a modular 19" format, the D-MIX 1000 allows the DJ or installer complete freedom of layout; mono and stereo modules are interchangeable, allowing the console to be custom configured to provide the right facilities for every user.

But the biggest benefit that the D-MIX 1000 offers is confidence. Soundcraft professional audio consoles are designed to work hard - with thoughtful details such as revolutionary faders which prevent damage from liquids or dirt and a plug-in cross-fader for ease of servicing - to give the best performance under extreme conditions - all night, every night.

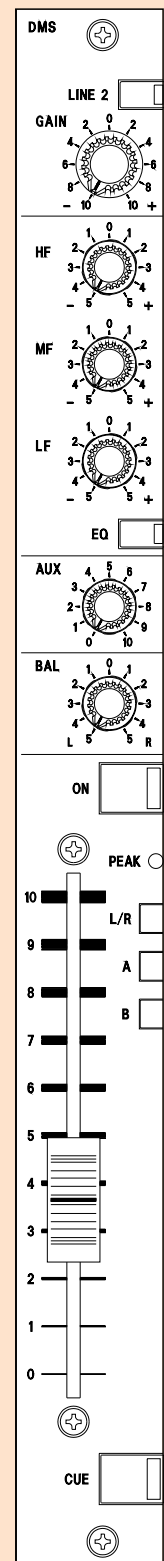


Mono Input Module

Each Mono module will accept a Mic and Line level input with gain adjustment to allow for different source sensitivities. A pre EQ **insert point** is provided for the addition of a limiter or other processor to the input. The signal may be routed via a **three-band EQ** section, giving up to 10dB boost/cut at 100Hz, 3.5kHz and 8kHz. An **Aux feed** is available for use with an effects unit, reverb or as an independent output. The send level is individually controlled from each input module. The mono signal may be 'positioned' in the stereo image using the **Pan pot**, and is controlled via the high-quality **100mm long-throw fader** and illuminated On switch. A **Peak LED** warns the DJ of excessive signal level before distortion occurs. The channel may be assigned to the main Left and Right outputs, or through the **A/B cross-fader** if required, using the interlocking routing switches. Pre fade monitoring is achieved using the **Cue button**, located at the bottom of each fader for ease of use. An internal link assigns the Mono input to the Voice-Over system when the channel is in Mic mode. Two Mono input modules are fitted as standard.

Stereo Input Module

The D-MIX 1000 provides the DJ with six dual stereo inputs as standard. Each Stereo module permits the connection of **two switched stereo sources** (such as CD players, DAT machines or VTRs). Line 1 input may be selected internally to provide **RIAA equalisation** for turntables. Input gain is varied by +/- 10dB using a rotary control for optimising levels. The Stereo module uses a similar **EQ section** to the Mono input, but with a +/- 6dB range for more subtle correction. A mono sum of the stereo signal may be fed to the Aux 1 bus via the rotary level control for zoning or special effects. The **stereo balance** may be adjusted by up to +/- 6dB to compensate for a differential between the Left and Right inputs. Routing is similar to the Mono input, with the A/B crossfader being used for rapid and accurate transitions between sources. All routing switches are illuminated for instant identification. The large, illuminated **On switch** is used to enable each input and also as a **remote start** for turntables, CD players and other equipment. The **Cue switch** routes the pre fade signal in stereo to the DJ's headphones and both monitors if required. A **high-quality 100mm fader** controls the overall input signal level.



Master Module

The D-MIX 1000 Master module may be located anywhere in the frame to allow for individual preferences. **Mono and stereo master outputs** are provided with separate **100mm long-throw faders**, as well as an **A/B crossfader** mounted on a removeable panel for ease of servicing. The main L-R outputs are metered using high-quality vacuum display units, and **dedicated meters** are provided for the DJ's headphone feed. These are fed with L-R or Aux mix unless a Cue switch is pressed, when both meters and headphone feed are replaced by the Cue signal. The DJ may select **Split Cue**, so that the Cue feed appears in the right earphone, while a mono mix of the normal feed is heard in the left earphone.

An independent stereo **DJ booth output** is provided for loudspeaker monitoring and cueing; this may be switched to **Auto Cue** to permit cues to be heard and is muted by any 'live' mic channel to prevent howlround. The normal feed to the DJ booth may be selected as either L-R or Aux. The Master module also contains the **Aux Send and Return** level controls; these may be used for effects or as a zone input or output. The **Voiceover switch** enables the D-MIX 1000's ducking system, allowing the DJ's voice to dim any stereo input assigned to the crossfader. The dim threshold is adjusted using an internal preset and the 'Master Mic' is selected by a link on the Mono input module. In addition to the main and Aux outputs, an isolated mono feed is available for **sound-to-light triggering**; a pre fade stereo **Record output** and 20Hz-80Hz **sub-bass** feed are also provided as standard, to simplify the installation of an integrated system.

Installation and Powering

The D-MIX 1000 is powered by an external DCPI00 supply, which will accept mains voltages between 110V and 240V. The console occupies 8U of space in a standard 19" rack; all permanent connections are made underneath the unit to save space. All audio connections use industry-standard XLR, 0.25" jacks and RCA phono plugs for ease of cabling. Start/stop connections are isolated and are made via phono connectors.

