

ADI 16.6

16 Channel Digital Mixer

DESCRIPTION :

The SM Professional ADI 16.6 is a premium 16 Channel Digital Mixing Console.

Featuring multiple inputs and outputs, 10" LCD touchscreen display, 9 motorised faders, smart DCAs, abundant DSP EFX processing tools and more, the ADI 16.6 is engineered to deliver a complete integrated solution to empower speed and precision in real-world live mixing use cases.



FEATURES :

- 16 XLR and 4 Line analog inputs with digital gain control.
- Flexible outputs: 6 x assignable mix bus (XLR), 2 main L/R (XLR) and control room L/R (XLR).
- Premium 9 x 100mm motorised faders for agile control.
- Responsive 10" high-resolution colour LCD touchscreen for end-to-end navigation and control.
- Integrated dual DSP EFX with EQ, noise gate, compressor/limiter, delay and more.
- Digital 4-band full PEQ with multiple filters (inputs & outputs) and 31-band GEQ (outputs).
- High-resolution 24-bit/48kHz sampling rate.
- Bluetooth for wireless audio playback with assignable master and bus routing.
- Full duplex USB audio interface for simultaneous recording and playback from a PC, Smartphone or Tablet.
- Individually assignable +48V Phantom power.
- Ethernet port to connect and empower remote app-based mixing.
- Advanced features including Auto mix, RTA analyzer, feedback control, talkback, matrix routing and much more.
- Multiple colour LED metering and illuminated switches for effortless visual mixing cues.
- User definable presets with multiple storing and recall options.
- Password protection to lock and unlock settings.
- Dante add-on for network AV integration (available separately).

SPECIFICATIONS :

Gain (Mic / Line / Stereo Mic / Stereo Line)	50dB / 50dB
Max Gain (Mic / Line / Stereo Line)	50dB / 50dB
Mic (Gain Min / Gain Max)	0dBu / -50dBu
Line (Gain Min / Gain Max)	-20dBu / +30dBu

Mic Input	6.8KOhm
Line input	75KOhm
Main Output level (Nominal / Max)	+20dBu ±0.5dBu
Main Output Impedance	120 Ohm
Frequency Response	22Hz-20kHz at 0dBu +1/-2.5dB
Total Harmonic Distortion	<0.03% at 0dBu 1kHz
Signal to Noise Ratio	107dB
Colour Display / Main LCD	10.1-inch (1024px x 600px)
Phantom Power Supply	+48V
Power Supply / Mains Voltage	240VAC, 50Hz
Operating Free-Air Temperature Range	0 degC to 40 degC
Storage Temperature Range	-20 degC to 45 degC
Dimensions (W x D x H)mm	349 x 452 x 147
Net Weight (Kgs.)	6.7

Specifications from the official SM Professional literature. Issued for customer reference.