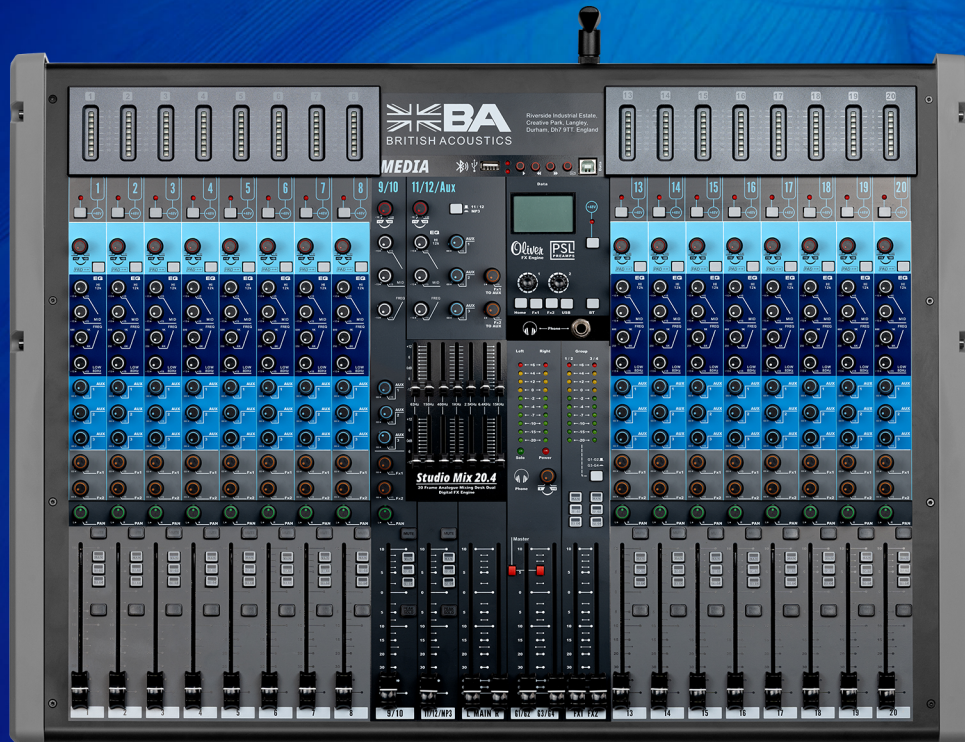


STUDIO MIX 20.4 DFX

16 CHANNEL ANALOGUE MIXING DESK WITH DUAL FX



 **BA**
BRITISH ACOUSTICS

STUDIO MIX 20.4 DFX LIVE MIXING SOLUTIONS

Designed for reliability in studio and live applications, the Studio Mix 20.4 DFX offers comprehensive control in a compact format. With 20 input channels, including 16 Mic/Line XLR inputs, stereo TRS inputs, and full USB and wireless media support, this mixer delivers flexibility for diverse audio sources. Equipped with Class-A PSL Preamps, Oliver FX Engine with preset library, and dual FX return channels, it enables precise tonal shaping and creative control.



The onboard 7-band stereo graphic EQ, along with 3-band EQ per channel, ensures mix clarity and balance across a wide frequency range. The USB sound card features 24-bit conversion with up to 113 dB dynamic range, seamlessly integrating with Mac, PC, and mobile platforms. A rugged chassis, 100mm Tex-Touch faders, contour-sensitive rotary knobs, and porous state grey exterior make the Studio Mix 20.4 DFX a versatile solution for demanding environments.





INPUT CHANNELS

- 20 input channels
- 16 Mic/Line XLR inputs (3k Ω)
- 2 Stereo line TRS Jack inputs (10k Ω)
- USB audio playback & recording
- wireless media input

OUTPUT CHANNELS

- 1 stereo out - L/R(75 Ω)
- 4 group outputs(150 Ω)
- 3 Aux outputs (75 Ω)
- 1 Phones output (150 Ω)

BUS

- 8 Bus mixer
- 1 stereo bus -LR
- 4 Groups
- 3 Auxes

INPUT STRIP

- Dedicated input metering
- +48V phantom power/channel
- 20dB pad
- 3-band input EQ
- Aux/Fx sends
- L/R panning
- peak/solo PFL
- Group selection

FX & FEATURES

- Class-A PSL Preamps
- Oliver FX Engine with built in preset library
- Individual return channels for both FX1 & FX2
- Iphone, Android, PC & Mac Sound card compatibility
- 7 band Stereo graphic EQ

THD+N

- 0.03% total harmonic distortion full bandwidth
- 30 dB Gain, Mic input to L/R
- Input CMRR > 60 dB
- 0.015% total harmonic distortion full bandwidth
- 0 dB Gain, Mic Input to L/R
- 0.04% total harmonic distortion, full bandwidth
- 30 dB gain, line input to L/R

NOISE LEVELS

- -70 dB Crosstalk at 1kHz
- -90 dB Signal to noise ratio, All channels routed

USB SOUND CARD

- A to D conversion , 24-bit @109 dB dynamic range
- D to A conversion, 24-bit @ 113dB dynamic range
- Sample Rate 44 kHz

POWER REQUIREMENTS

- AC 110V-240V, 50-60Hz
- IEC input power cable (included)
- Internal universal power supply
- 78W Max power consumption

OPERATING PARAMETERS

- Maximum permitted ambient temperature (Ta max) 45°C (113°F)
- Minimum permitted ambient temperature (Ta min)-10°C (14°F)
- Desktop use only, cannot be rack mounted

AESTHETICS

- Mixer skeleton made of aluminium and steel metal plates
- Moulded exteriors in class V0 rugged ABS
- 100mm Tex-Touch Faders
- Contour Sensitive Rotary knobs
- Exterior Finish, Porus state grey

SIZE

- Product: 203.2 x 692.32 x 514.35 mm (H x W x D)
- Product: 6 x 27.25 x 20.25 inch (H x W x D)
- Packed individually

WEIGHT

- Net Kgs- 10.98
- Net Lbs - 24.2

SHIPPING SIZE

- Product: 615.95 x 787.4 x 241.3 mm (H x W x D)
- Product: 24.25 x 31 x 9.5 inch (H x W x D)
- Packed individually

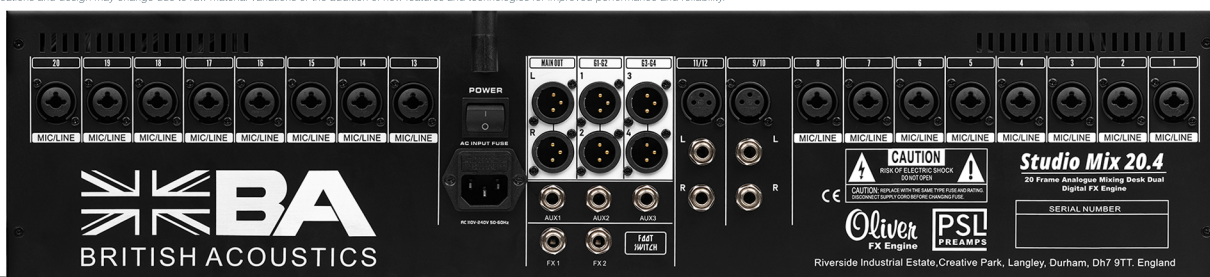
WEIGHT

- Net Kgs- 13.55
- Net Lbs - 29.87

PRODUCT INFORMATION

- Model No : Studio Mix 20.4 DFX
- Series Electronics
- Tags : 16 Channel Analogue Mixing Desk with Dual FX

BA & British Acoustics are registered trademarks in the UK, and other regions worldwide.
Safe Installation & Rigging Practices : Installation must be by authorized personnel, following safety and rigging standards to avoid liability.
*Product specifications and design may change due to raw material variations or the addition of new features and technologies for improved performance and reliability.





One Basecamp, 49 Jamaica Street, Liverpool, L10AH, Great Britain.
Email - info@britishacoustics.com | Tel - +44 (0) 151 515 0170
www.britishacoustics.com