

MODEL	R-1604
HUM AND NOISE	-127dB Equivalent Input Noise
(AVERAGE,RS=150)	-95dB Residual Noise (MIX L / R,ALT 3~4,AUX SEND 1~2,CTRL ROOM) Master Fader at Nominal level and all Channel Assign Switch OFF
DIMENSIONS (HXWXD)	
MM	80.3 x 307 x 389 mm
WEIGHT	
KG	5.9kg
LBS	13.0 lbs
MAXIMUM OUTPUT LEVEL	+22dB(MIX L / R,ALT 3~4) @600 ohm
(0.5% T.H.D AT 1KHZ)	+22dB(AUX SEND1~2) @600 ohm +22dB(INSERT) @40k ohm +22dB(CTRL ROOM) @600 ohm Over 100mW (Headphone) @40 ohm
MASTER EQ	Turnover / rollover frequency:located 3dB below the point of maximum amplification and attenuation
HI EQ	(+ / -15dB) 12kHz Shelving
MID EQ	(+ / -15dB) 2.5kHz Shelving
LOW EQ	(+ / - 15dB) 80Hz Shelving
POWER CONSUMPTION	AC 100V / 120V / 230V / 240V ,50~60Hz
TOTAL HARMONIC DISTORTION (THD)	0.0025% @+14dB 20Hz~20kHz (MIX L / R,ALT 3~4,AUX SEND 1~2,CTRL ROOM) @600 ohm
MAXIMUM LEVELS	
MIC IN	+4dBu
TAPE IN	+13dBu
ALL OTHER INPUTS	+25dBu
MAXIMUM VOLTAGE GAIN	72dB MIC IN TO MIX L / R,ALT 3~4 72dB MIC IN TO AUX 1 72dB MIC IN TO AUX 2(POST),EFX 74dB MIC IN TO CONTROL ROOM L / R 72dB MIC IN TO REC L / R 54dB LINE IN TO MIX L / R,ALT 3~4 58dB LINE IN TO AUX 1 58dB LINE IN TO AUX 2(POST) 60dB LINE IN TO CONTRAL ROOM L / R 22dB ST IN TO MIX L / R,ALT 3~4 20dB AUX RETURN L / R IN TO MIX L / R 16dB TAPE IN TO MIX L / R
INTERFERENCE AT 1KHZ	
MAIN FADER DOWN	-85dBu
CHANNEL ALT / MUTE SWITCH ENGAGED	-80dBu
CHANNEL FADER DOWN	-70dBu
MONO INPUT CHANNEL GAIN	50dB variable (-60dB~-10dB), (-40dB~+10dB)
PEAK INDICATOR	Input Channel:Turns on 3dB Under Pre-fader Signal Clip
LEVEL METERS	10-Segment LED x2 (Output of +4dB at 0dB) Main L / R
PHANTOM POWER	48VDC



The R Series of mixers from Wharfedale Professional are designed to offer a superior quality audio performance in an easy to use, great value package. The quality of the R Series is such it can be used in a variety of professional application.

R 1604 FX MIXING CONSOLE

The R1604 features 4 low noise, high headroom low impedance mic inputs for use with balanced or low impedance microphones or external equipment with XLR connectors. It has four balanced/unbalanced high impedance mono line inputs for use with high level signals with phone plug connectors. The Stereo Input channels on the R1604 features two balanced line level inputs with 1/4" jack sockets for left and right signals.

- 4 balanced/unbalanced mono line input (R1604)
- 4 low noise, high headroom XLR mic inputs
- 4 pairs of balanced/unbalanced stereo line inputs
- 48V global phantom power
- 3 band EQ in each input channel (12KHz, 2.5KHz, 80Hz)
- 75Hz, 18dB/octave low cut filter on channels 1-4
- PFL/SOLO and Mute/ALT 3-4 on all channels
- ALT 3-4 extra stereo bus & 2 stereo EFX return
- EFX to Main, ALT 3-4 and AUX 1 switch
- Balanced inputs and outputs
- Peak and signal LED's on mono channel
- Two AUX send, Pre and Post fader switch on AUX 1
- Separate main mix, control room and headphone outputs
- 2 track inputs assignable to main mix, headphone outputs
- Highly accurate 10 segment Bargraph meters
- High quality 60mm faders
- 19" Rack Mounting kit included