

WZ⁴ 14:4:2

10 MIC/LINE INPUTS

2 DUAL STEREO INPUTS

6 AUXES

6x2 MATRIX

Designed as a uniquely versatile live sound mixer, WZ⁴ 14:4:2 is equally at home at Front of House, on Monitors, or doubling up to fill both roles at once.

In FoH Mode, the 4 groups with inserts, 100mm faders and XLR outputs can be routed and panned to the LR mix for flexible sub-mixing. The main LR mix has inserts, separate left and right faders, and XLR outputs to feed the main speaker system. EQ and signal processing can easily be inserted on group and main outputs.

In Monitor Mode, the aux mixes are routed to the group and LR faders, inserts and XLR outputs. The AFL and PFL system is switched to the Mono output to provide an engineer's 'wedge' output. In essence, it's a perfect 6-mix monitor console with additional outputs available from the group busses via the aux master controls.

In Dual Mode some auxes can be used as monitor mixes and some sub-grouping can be used along with the main LR outputs, allowing the engineer to run FoH sound and some Monitor mixes from the same console.



- 19" Rack mountable
- 10 mic/line inputs with balanced XLR/TRS jack, insert and direct output
- 100mm faders
- Reverse switches swap the function of the group and aux masters in Monitor or Dual Mode applications
- 6 Aux sends - switchable pre/post fade
- 4 Audio groups
- 2 Dual Stereo inputs with separate gain and 'ON' switches allowing inputs to be selected independently or mixed together
- 4 band EQ with 2 swept mids
- 6x2 Matrix for providing feeds for in ear monitors, delay speakers, video, broadcast and more
- Oscillator and Pink Noise generator for line-up and speaker testing
- Tri-colour, 12 segment bargraph metering
- +48V Phantom Power
- Signal and Peak LEDs
- Talkback Mic XLR with trim
- Lamp socket
- USB multitrack recording option

Specifications

Performance

Maximum output level	XLR +26dBu into 600 ohms max load Jack +21 dBu into 2k ohm max load
Internal headroom	Channels +21 dB Mix +23dB
Meters	3 colour LED, quasi peak response
Sensitivity	0VU = +4dBu at XLR output
Master meters	12 segment -30 to +16dB
Channel meters	2 segment -12, +16dB (5dB before clip)
Frequency response	20Hz to 50kHz +/-0.5dB
THD+n at +10dBu 1kHz	Channel to mix out < 0.004%
Crosstalk at 1kHz	Fader shutoff >90dB Mute shutoff >90dB Inter channel >90dB
Noise, rms 22Hz to 22kHz	Mic EIN -127dB Residual output noise < -96dBu (-100dB S/N) LR unity fader mix noise < -84dBu (-88dB S/N) Group unity fader noise < -90dBu (-94dB S/N)
Channel HPF	12dB/octave below 80Hz
Mono EQ	HF Shelving, +/-15dB, 12kHz HM Peak/dip, +/-15dB, 500Hz to 15kHz, Q=1.8 LM Peak/dip, +/-15dB, 35Hz to 1kHz, Q=1.8 LF Shelving, +/-15dB, 80Hz
Stereo EQ	HF Shelving, +/-15dB, 12kHz HM Peak/dip, +/-15dB, 2.5kHz, Q=1.8 LM Peak/dip, +/-15dB, 250Hz, Q=1.8 LF Shelving, +/-15dB, 80Hz
Power supply	100-240V, 50/60Hz auto sensing, IEC input Power consumption 45W max Mains fuse T630mA L 20mm

Mechanical

Free standing dimensions	W 507 (20") x D 530 (20.9") x H 194 (7.7")
Rack mounted 10U Underside connectors	W 483 (19") x D 122 (4.8") x H 444 (17.5")
Rack mounted 11.2U Rear connectors	W 483 (19") x D 193 (7.6") x H 497 (19.6")
Weight	W4-1442 unpacked 13kg (28lbs) W4-1442 packed 16kg (35lbs)