

TW LP4S • Portable Mixer

TW LP4S is a compact, portable four-channel unit designed for electronic news gathering (ENG) quality sound mixing in a motion picture or television film.



SPECIFICATIONS

- Frequency response: 20 Hz – 20 kHz \pm 2 dB
- Distortion: less than 0.2 % THD
- S/N ratio > 65 dB (EIN: -125 dBV)
- Maximum output level: +18 dBu
- Low-cut filter: 80/100 Hz, 14 dB / octave
- Internal batteries: AA cells or NP1
- Size: 255 x 165 x 65 mm
10 x 6.5 x 2.6 in
- Weight: 1,9 kg (4.2 lbs)

FRONT PANEL

- Battery / External power switch
- PWR LED: lights when power is on, flashes for low power
- Two headphone jacks
- Peak modulometers always show the level set, while meter LEDs, if limiter is on for the channel, indicate when gain reduction is occurring
- Slate microphone pushbutton
- Headphone monitoring selector
- Reference 1 kHz sine wave generator switch
- Battery test pushbutton
- Pan switches: Right, Mono, Left, Stereo – channels 1 & 2 can be independently linked for stereo mode
- Limiter on/off/link switch
- Direct / Tape switch for return 1 & 2
- Low-cut filter switches
- Pre-fade listen pushbuttons
- Master fader



INPUT PANEL

- Four balanced XLR inputs
- Mic power selectors 48V, 12V, T
- Mic / Line level switches
- Attenuation -10 dB pad
- Phase reverse channel 2 & 4
- Phantom power on-off switch
- Optional NP1 battery holder switchable for internal or NP1



OUTPUT PANEL

- 3 pin XLR transformer balanced left and right outputs
- Hirose 10 pin connector for camera and return 1
- Mic / Line switches, RTN return select switch
- 5 pin XLR unbalanced outputs and return 2
- 5 pin TA5F Direct Channel Outputs and 3.5 Jack return
- 4 pin XLR connector for charger and external power
- Mono mix to the video assist, IFB