

USB PCconnect DSP

OMNITRONIC LRS USB Live recording mixer

Low noise Mic/line mixer with 10/12/14/16 channels

- +48 V phantom power, can be switched centrally
- Built-in USB audio interface allows recordings and playback of digital audio files with a computer (for FX models)
- 24 bit DSP FX unit with 100 different effects, e.g. reverb, chorus, flanger, delay, pitch shifter and multi-effects (for FX models)
- Adjustable stereo aux return inputs and/or FX send outputs



No. 10040220.....	LRS-1002
No. 10040223.....	LRS-1202
No. 10040226.....	LRS-1202ST
No. 10040229.....	LRS-1402ST
No. 10040232.....	LRS-1424FX USB
No. 10040235.....	LRS-1624FX USB



Technical specifications:

Device:	LRS-1002	LRS-1202	LRS-1202ST	LRS-1402ST
Power supply:	2 x 18.5 V AC, 350 mA via supplied PSU	2 x 18.5 V AC, 350 mA via supplied PSU	2 x 18.5 V AC, 350 mA via supplied PSU	2 x 18.5 V AC, 350 mA via supplied PSU
Power consumption:	10 W	10 W	10 W	10 W
Inputs/sensitivity:				
Mic, mono	2x, 0.5 mV, combined XLR/6.3 mm jack bal.	4x, 0.5 mV, combined XLR/6.3 mm jack bal.	2x, 0.5 mV, combined XLR/6.3 mm jack bal.	4x, 0.5 mV, combined XLR/6.3 mm jack bal.
Insert	2x, 140 mV, 6.3 mm jack unbal.	4x, 140 mV, 6.3 mm jack unbal.	2x, 140 mV, 6.3 mm jack unbal.	4x, 140 mV, 6.3 mm jack unbal.
Line In, stereo	2x, 60 mV, 6.3 mm jack L/R bal.	2x, 60 mV, 6.3 mm jack L/R bal.	4x, 38 mV/150 mV, 6.3 mm jack L/R bal.	4x, 38 mV/150 mV, 6.3 mm jack L/R bal.
1 x Aux Return	60 mV, 6.3 mm jack L/R bal.	60 mV, 6.3 mm jack L/R bal.	-	-
1 x Tape In	400 mV, RCA L/R	400 mV, RCA L/R	400 mV, RCA L/R	400 mV, RCA L/R
Outputs/level:				
1 x Main Out	800 mV, 6.3 mm jack L/R unbal.	800 mV, 6.3 mm jack L/R unbal.	800 mV, 6.3 mm jack L/R unbal.	800 mV, 6.3 mm jack L/R unbal.
1 x Control Room Out	max. 3 V, 6.3 mm jack L/R unbal.	max. 3 V, 6.3 mm jack L/R unbal.	max. 3 V, 6.3 mm jack L/R unbal.	max. 3 V, 6.3 mm jack L/R unbal.
1 x FX Send	max. 10 V, 6.3 mm jack unbal.	max. 10 V, 6.3 mm jack unbal.	max. 10 V, 6.3 mm jack unbal.	max. 10 V, 6.3 mm jack unbal.
1 x Tape Out	60 mV, RCA L/R	60 mV, RCA L/R	60 mV, RCA L/R	60 mV, RCA L/R
1 x Headphones	6.3 mm jack unbal.	6.3 mm jack unbal.	6.3 mm jack unbal.	6.3 mm jack unbal.
Headphones impedance:	>8 ohms	>8 ohms	>8 ohms	>8 ohms
Frequency range:	20-20000 kHz	20-20000 kHz	20-20000 kHz	20-20000 kHz
Distortion:	<0.04 %	<0.04 %	<0.04 %	<0.04 %
S/N ratio:	91 dB	91 dB	94 dB	94 dB
Tone control/channel:				
Treble:	±15 dB at 12 kHz	±15 dB at 12 kHz	±15 dB at 12 kHz	±15 dB at 12 kHz
Middle:	±15 dB at 2.5 kHz	±15 dB at 2.5 kHz	±15 dB at 2.5 kHz	±15 dB at 2.5 kHz
Bass:	±15 dB at 80 Hz	±15 dB at 80 Hz	±15 dB at 80 Hz	±15 dB at 80 Hz
Dimensions (WxDxH):	190 x 250 x 50 mm	225 x 245 x 50 mm	225 x 190 x 50 mm	225 x 245 x 50 mm
Weight:	1.5 kg	1.9 kg	1.6 kg	1.6 kg

Technical specifications:

Device:	LRS-1424FX USB	LRS-1624FX USB
Power supply:	230 V AC, 50 Hz ~	230 V AC, 50 Hz ~
Power consumption:	40 W	40 W
Inputs/sensitivity:		
Mic, mono	4x 0.9 mV, XLR bal.	6x 0.9 mV, XLR bal.
Line In, mono	4x 0.9 mV, 6.3 mm jack bal.	6x 0.9 mV, 6.3 mm jack bal.
Insert	4x 100 mV, 6.3 mm jack unbal.	6x 100 mV, 6.3 mm jack unbal.
Stereo Aux Return	2x 60 mV, 6.3 mm jack L/R bal.	2x 60 mV, 6.3 mm jack L/R bal.
Line In, stereo	2x 60 mV, 6.3 mm jack L/R bal.	2x 60 mV, 6.3 mm jack L/R bal.
Tape In	400 mV, RCA L/R	400 mV, RCA L/R
Outputs/level:	400 mV, RCA L/R	
Main Out	1.5 V, XLR and 6.3 mm jack L/R bal.	1.5 V, XLR and 6.3 mm jack L/R bal.
ALT 3-4 Out	2x 750 mV, 6.3 mm jack bal.	2x 750 mV, 6.3 mm jack bal.
Control Room Out	max. 10 V, 6.3 mm jack L/R unbal.	max. 10 V, 6.3 mm jack L/R unbal.
Aux Send	2x max. 10 V, 6.3 mm jack unbal.	2x max. 10 V, 6.3 mm jack unbal.
Tape Out	750 mV, RCA L/R	750 mV, RCA L/R
Headphones	6.3 mm jack unbal.	6.3 mm jack unbal.
Headphones impedance:	>8 ohms	>8 ohms
USB port:	1.1, type B	1.1, type B
Frequency range:	20-20 000 kHz	20-20000 kHz
Distortion:	0.05 %	0.05 %
S/N ratio:	89 dB	89 dB
Tone control/channel:		
Treble:	±15 dB at 12 kHz	±15 dB at 12 kHz
Middle:	±15 dB at 2.5 kHz	±15 dB at 2.5 kHz
Bass:	±15 dB at 80 Hz	±15 dB at 80 Hz
Low Cut:	75 Hz, 18 dB/octave	75 Hz, 18 dB/octave
Dimensions (WxDxH):	355 x 290 x 115 mm	355 x 345 x 115 mm
Weight:	3.2 kg	3.7 kg