

Survey of useful measurement accessories

Audio interfaces

Manufacturer	Preonus	Focusrite	Roland	RME	RME	Aubion
Type	Audiobox 22VSL	Scarlett 2i2	UA-55 Quad-Capture	RME Fireface UC	RME Fireface UFX	X.8
Price	250 €	133 €	230 €	1 000 €	2 099 €	1 400 €
Interface	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0 / Firewire	Ethernet
Input Connectors	XLR / Phone	XLR / Phone	XLR / Phone	XLR / Phone	XLR / Phone	XLR / Phone
Inputs	2 x Mic or 2x Line	2 x Mic or 2x Line	2 x Mic or 2x Line	2 x Mic and 6x Line	4 x Mic and 8x Line	4 x Mic or 8x Line
Samplingrate / bits	96k / 24	192k / 24	192k / 24	192k / 24	192k / 24	96k / 24
Dynamic range dB	94/108 In / Out	106	105	110/110 In / Out	115/118 In / Out	110
Phantom voltage	48V	48V	48V	48V	48V	48V
Power	AC adaptor	from PC	from PC	AC adaptor	Internal universal	AC adaptor
Remarks	Mic-Gain pots	Mic-Gain pots	Digital control	Digital control	Digital control	Digital control
Website www.	preonus.com 1)	focusrite.com 2)	roland.com 3)	rme-audio.de	rme-audio.de	aubion.com/

1) Audiobox is not recommended for FIR-Capture or 48/44k use, due do downsampling noise

2) The max mic input level is 4dBu; For SPL measurements the mic must have <11mV/Pa sensitivity.

3) We don't recommend UA-1010 Octa-Capture, for MLS measurement due to jitter problem

Microphones

Manufacturer	Earthworks	DPA	NTI	NTI	Behringer	MicW
Type	M30BX	4090/4091	MiniSPL	M2010	ECM8000	M215L
Price	750 €	425 €	300 €	850 €	68 €	500 €
Class	1	1	2	1	*	1
Max SPL	140	134/144	130	150	115	145
Power	Battery	48V	Battery	10-48Vdc	15-48Vdc	48V
Sensitivity mV/PA	8/40	20/6	20	35	12,5	10
Website www.	earthworksaudio.com	dpamicrophones.com	nt-instruments.com	nt-instruments.com	behringer.com	mic-w.com

* Not recommended for high sound pressure

Calibrators

Manufacturer	Brüel&Kjaer	Larson Davis	Norsonic	Norsonic	Voltcraft	BSWA
Type	4231	C150	Nor 1251	Nor 1252	SLC-100	CA114
Price	1 100 €	550 €	800 €	490 €	160 €	500 €
Class	1	2	1	2	2	2
Cal. Level dB	94/114	94/114	114	114	94/114	94
Power	Battery	Battery	Battery	Battery	Battery	Battery
Accuracy +/-dB	0.2	0.3	0.2	0.4	0.5	0.5
Website www.	bksv.com	lardav.com	norsonic.com	norsonic.com	conrad.de	bswa-tech.com