

Survey of useful measurement accessories

Microphones

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

* Not recommended for high sound pressure

Calibrators

Manufacturer	Brüel&Kjaer	Larson Davis	Norsonic	Norsonic
Type	4231	C150	Nor 1251	Nor 1252
Price	1 100 €	550 €	800 €	490 €
Class	1	2	1	2
Cal. Level dB	94/114	94/114	114	114
Power	Battery	Battery	Battery	Battery
Accuracy +/-dB	0.2	0.3	0.2	0.4
Website www.	bksv.com	lardav.com	norsonic.com	norsonic.com

Soundcards

Manufacturer	Echo	Digigram	M-Audio	Motu	Roland
Type	Indigo IO Indigo IOx	UAX 220-Mic	Fast Track Pro	8Pre	Edirol UA-101
Price	195 €	850 €	200 €	675 €	430 €
Interface	Type II Cardbus ExpressCard (IOx)	USB 1.1	USB 1.1	Firewire	USB 2.0
Input Connectors	1/8"	XLR-snake	XLR	XLR	XLR / Phone
Inputs	2 x Line inputs	2 x Line inputs	2 x Mic+ 2x Line	8 x Mic or 8x Line	2 x Mic and 8x Line
Samplingrate / bits	96k / 24	48k / 24	48k / 24	96k / 24	192k / 24
Dynamic range dB	109	104	101	110	101/107 In / Out
Phantom voltage	No**	48V	48V	48V	48V
Power	from PC	from PC	from PC	100-240VAC	AC adaptor
Remarks	Out level pot	Mic-Gain pots	Mic-Gain pots	Mic-Gain pots 20dB Pad	Mic-Gain pots
Website www.	echoaudio.com	digigram.com	m-audio.com	motu.com	edirol.com

** Requires microphone with external phantom power supply or battery.