

## 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 <b>www.</b>	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 <b>www.</b>	bksv.com	lardav.com	norsonic.com	norsonic.com

### Soundcards

Manufacturer	Echo	Digigram	Digigram	M-Audio	M-Audio	Terratec	Motu
Type	Indigo IO	VxPocket 440	UAX 220-Mic	MobilePre	Fast Track Pro	Phase X24	8Pre
Price	195 €	800 €	850 €	150 €	200 €	359 €	675 €
Interface	Type II Cardbus	Type II Cardbus	USB 1.1	USB 1.1	USB 1.1	Firewire	Firewire
Input Connectors	1/8"	XLR-snake	XLR-snake	XLR	XLR	XLR	XLR
Inputs	2 x Line inputs	2 x Line inputs	2 x Line inputs	2 x Mic+ 2x Line	2 x Mic+ 2x Line	2 x Mic+ 2x Line	8 x Mic or 8x Line
Samplingrate / bits	96k / 24	48k / 24	48k / 24	48k / 16	48k / 24	192k / 24	96k / 24
Dynamic range dB	109	93	104	101	101	111	110
Phantom voltage	No**	No**	48V	48V	48V	48V	48V
Power	from PC	from PC	from PC	from PC	from PC	12V AC adapter	100-240VAC
Remarks	Out level pot	Mic gain to 48dB	Mic-Gain pots	Mic-Gain pots	Mic-Gain pots	Mic-Gain pots	Mic-Gain pots 20dB Pad
Website <b>www.</b>	echoaudio.com	digigram.com	digigram.com	m-audio.com	m-audio.com	terratec.de	motu.com

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