

KLIPPEL System Example Sets for Headphone Quality Control

Examples only. Please check components for your application with the specifications or send a request to KLIPPEL.

Effective from September 01, 2020. Currency: EURO. All prices net, EXW (tax, duty, transportation, support extra).
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Budget Set for Passive or Digital Headphone (USB/Lightning)		
Software ¹	QC STANDARD Stand-Alone Software	4.290 €
Audio Interface	2 channel audio interface with headphone output (e.g. RME Fireface UC)	buy local
Test fixture	For earphone: 2 x GRAS 43AC-S5 Ear Simulator Kit according to IEC 60318-4	9.820 €
	For headphone: GRAS 45CC-2 Headphone Test Fixture	6.240
optional SW add-on	SYN - External Synchronization (for digital devices)	1.540 €
optional Accessory	USB to Lightning adaptor (3rd party, e.g. Anker USB-A to Lightning Audio Adaptor)	buy local

¹Klippel Dongle required

Set for Passive Headphone		
Hardware	Klippel Analyzer 3 (ALSX) - including internal amplifier	7.880 €
Software	QC STANDARD Software	3.630 €
Test fixture	For earphone: 2 x GRAS 43AC-S5 Ear Simulator Kit according to IEC 60318-4	9.820 €
	For headphone: GRAS 45CC-2 Headphone Test Fixture	6.240
optional SW add-on	PNI - Production Noise Immunity	2.530 €
optional QC task	EQA - Equalization + Alignment Standard	740 €
optional Accessory	Ambient noise monitoring microphone (Mic 40PP IEPE Set)	790 €
	Adapter; XLR male - BNC female	27 €
	Custom adaptor cable (e.g. Y-Cable; 2xSpeakon male - 3.5mm Stereo-Jack)	on request

Set for Digital Headset (USB/Lightning)		
Hardware	Klippel Analyzer 3 (LX)	5.560 €
Software	QC STANDARD Software	3.630 €
Software add-on	SYN - External Synchronization (for digital devices)	1.540 €
Test fixture	For earphone: 2 x GRAS 43AC-S5 Ear Simulator Kit according to IEC 60318-4	9.820 €
	GRAS 44AA Mouth Simulator, according to ITU-T Rec. P51 Set	3.300 €
	For headphone: GRAS 45CC-6 Headset Test Fixture Set	9.170 €
optional SW add-on	PNI - Production Noise Immunity	2.530 €
optional QC-Task	EQA - Equalization + Alignment Standard	740 €
optional Accessory	Ambient noise monitoring microphone (Mic 40PP IEPE Set)	790 €
	Adapter; XLR male - BNC female	27 €
	USB to Lightning adaptor (3rd party, e.g. Anker USB-A to Lightning Audio Adaptor)	buy local

Set for Bluetooth Headphone with Mic & ANC Test		
Hardware	Klippel Analyzer 3 (LX)	5.560 €
Software	QC STANDARD Software	3.630 €
Test fixture	For earphone: 2 x GRAS 43AC-S5 Ear Simulator Kit according to IEC 60318-4	9.820 €
	For headphone: GRAS 45CC-2 Headphone Test Fixture	6.240
Software add-on	SYN - External Synchronization (for digital devices)	1.540 €
Bluetooth Interface	MegaSig U980 Bluetooth® Converter Set	1.910 €
Sound source	2 x Genelec 8010A (Compact, Active Two-way Speaker)	860 €
	optional: 2 x VESA Adapter for Genelec Speakers	320 €
Accessory	Measurement Microphone (Mic 40PP IEPE 1/4" Set)	790 €
	Adapter; XLR male - BNC female	27 €
optional QC-Task	EQA - Equalization + Alignment Standard	740 €
optional Accessory	Multiplexer XLR-OUT	1.490 €