

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 March 15, 2020. Currency: EURO. All prices net, EXW (tax, duty, transportation, support extra).

Klippel GmbH, Germany, Tel.: +49-351-501 939 0, Fax.: +49-351-501 939 10, E-Mail: info@klippel.de, Web: www.klippel.de

Budget Set for Passive or Digital Headphone (USB/Lightning)		
Software ¹	QC STANDARD Stand-Alone Software	3.900 €
Audio Interface	2 channel audio interface with headphone output (e.g. RME Fireface UC)	buy local
Test fixture	For earphone: 2 x GRAS 43AC-S1 Ear Simulator Kit according to IEC 60318-4	8.700 €
	For headphone: GRAS 45CC-2 Headphone Test Fixture	5.680
optional SW add-on	SYN - External Synchronization (for digital devices)	1.400 €
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	7.170 €
Software	QC STANDARD Software	3.300 €
Test fixture	For earphone: 2 x GRAS 43AC-S1 Ear Simulator Kit according to IEC 60318-4	8.700 €
	For headphone: GRAS 45CC-2 Headphone Test Fixture	5.680
optional SW add-on	PNI - Production Noise Immunity	2.300 €
optional QC task	EQA - Equalization + Alignment Standard	680 €
optional Accessory	Ambient noise monitoring microphone (Mic 40PP IEPE Set)	720 €
	Adapter; XLR male - BNC female	25 €
	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)	5.060 €
Software	QC STANDARD Software	3.300 €
Software add-on	SYN - External Synchronization (for digital devices)	1.400 €
Test fixture	For earphone: 2 x GRAS 43AC-S1 Ear Simulator Kit according to IEC 60318-4	8.700 €
	GRAS 44AA Mouth Simulator, according to ITU-T Rec. P51 Set	3.000 €
	For headphone: GRAS 45CC-6 Headset Test Fixture Set	5.680 €
		8.340 €
optional SW add-on	PNI - Production Noise Immunity	2.300 €
optional QC-Task	EQA - Equalization + Alignment Standard	680 €
optional Accessory	Ambient noise monitoring microphone (Mic 40PP IEPE Set)	720 €
	Adapter; XLR male - BNC female	25 €
	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)	5.060 €
Software	QC STANDARD Software	3.300 €
Software add-on	SYN - External Synchronization (for digital devices)	1.400 €
Bluetooth Interface	MegaSig U980 Bluetooth® Converter Set	1.740 €
Sound source	2 x Genelec 8010A (Compact, Active Two-way Speaker)	860 €
	optional: 2 x VESA Adapter for Genelec Speakers	420 €
Accessory	Measurement Microphone (Mic 40PP IEPE 1/4" Set)	720 €
	Adapter; XLR male - BNC female	25 €
optional QC-Task	EQA - Equalization + Alignment Standard	680 €
optional Accessory	Multiplexer XLR-OUT	1.470 €