



Audio Precision & GRAS 傲谱(上海)科技有限公司 报价单

TO: 松山湖材料实验室

Attn: 杨方友 先生

From: 邹世鹏13918240879

邮箱: spencerz@ap.com

日期: 2022/1/23

	型号	描述	数量	单价 (EUR)
AP	APx525B	两通道分析仪主机, 分析仪带宽90KHz, THD+N典型值: -108dB at 1 kHz, 2.5 V	1	18,650.00
AP	APX-BT-DUO	蓝牙4.2模块, 支持SBC, aptX, aptX Low Latency, aptX HD, AAC Codec	1	7,450.00
1.8	0218	GRAS 46AG	1	10,889.00
1.9	0220	GRAS 42AG	1	9,860.00
1.10	0215	GRAS AA0009	1	8,983.00
GRAS	43AG-7	Anthropometric Ear and Cheek Simulator with RA0402 according to IEC 60318-4, CCP	1	6,010.00
GRAS	44AA	Mouth Simulator according to ITU-T P51 with built-in power amplifier	1	3,790.00
GRAS	43AA	Ear Simulator Kit according to IEC 60318-1 & 2	1	4,260.00
GRAS	43AC-S5	Ear Simulator Kit with RA0402 according to IEC 60318-4, CCP	1	4,540.00
GRAS	45BC-14	KEMAR Head & Torso w. Mouth, Anthropometric Pinna & RA0402, 2-Ch CCP	1	25,120.00
GRAS	AL0026	Tripod stand for KEMAR	1	200.00
GRAS	12AX	4 Channel CCP Power Module	1	1,510.00
GRAS	12AQ	2-channel Universal Power Module with signal conditioning and PC interface, CCP & LEMO	1	4,120.00
GRAS	42AG	Multifunction Sound Calibrator	1	1,320.00
合计 (EUR)				106,702.00

- 备注:
1. 以上配置不包含线材
 2. Lemo的线比较贵 一般三米的240/条 十米的320/条
 3. BNC一般3米的线材60元/条, 10米的线材100元/条
 4. 货期60天
 5. 付款方式100% TT
 6. CIP广州机场

海德声科贸易(上海)有限公司

HEAD acoustics China Co., Ltd.

上海浦东新区浦东大道

720号国际航运金融大厦22楼A室

Room A, Floor 22, Shanghai International,

No. 720 Pudong Avenue, Pudong District,

200120 Shanghai, P.R. China



QUOTATION

QUOTE FROM: 于兆辉
TEL: 18566778159

1. Telecom Artificial Head Measurement System 人工头测量系统

Pos	Code	Product	Description	Qty.
1.1	1230.3	HMS II.3-LN	HEAD Measurement System,Low noise version with 3.3 pinna, right ear simulator & artificial mouth 低噪人工头, 包含人工头右耳和人工嘴	1
1.2	1231.3	HIS L-LN	HEAD Impedance Simulator, Left, Low noise version 低噪人工头阻抗模拟器, 左耳	1
1.3	1403	HHP III.1	Handset Positioner for HMS II.3, VariMount Version 手机夹具	2
1.4	1408	CDM-W	Clamping Device MotoMount for HHP III.1/IV Wide, Complete 宽屏夹具升级	1
1.5	1962	HMT III	HEAD Measurement Tripod for HMS II 人工头三脚架	1
1.6	1223-10	CLL V.10	Cable LEMO I 7-pin male <-> LEMO I 7pin female, 1 pair, 10 m (red/black) 人工耳麦克风延长线, 1对, 10米	1
1.7	9828-10	CSS IV.10	Loudspeaker Extension Cable Speakon, 10 m 扬声器/人工嘴延长线, 10米	2
1.8	0218	GRAS 46AG	Microphone Set (1/2" Pressure Field, LEMO), Consisting of G.R.A.S. 40AG & G.R.A.S. 26AK	1
1.9	0220	GRAS 42AG	Multifunction sound calibrator 94/114 dBSPL, 250 Hz, 1 kHz, Class 1 多功能声校准器	1
1.10	0215	GRAS AA0009	Connection Cable for Preamplifier (LEMO 7-pin, 10 m) 麦克风前置放大器连接线	1

2. ACQUA Software & Frontends ACQUA软件及数采前端

Pos	Code	Product	Description	Qty.
2.1	6810	ACQUA	Basic Analysis Software, Full-licence Version 基础分析软件, 全权限版本	1
2.2	6812	ACOPT 02	Option Signal Analysis 信号分析选件	1
2.3	6819	ACOPT 09	Option SLVM P.56	1

2.4	6820	ACOPT 10	Option TOSQA	1
2.5	6844	ACOPT 21	3QUEST - 3fold Quality Evaluation of Speech in Telecommunication 3QUEST选件	1
2.6	6856	ACOPT 29	Option EQUEST - Echo Quality Evaluation of Speech in Telecommunication	1
2.7	6857	ACOPT 30	Option POLQA POLQA选件	1
2.8	6859	ACOPT 32	Option Speech based double talk 基于语音的自动双讲选件	1
2.9	6866	ACOPT 35	Option 3QUEST Super-wideband/Fullband according to ETSI TS 103 281, Model A	1
2.10	60026	TEAMs	MS Teams Audio Test Specification	1
2.11	6777	TS 26 131-32	3GPP TS 26.131/132, 3G/4G Terminals	1
2.12	60049	TIA-920.130-B	ANSI/TIA-920.130-B, Digital Interface Communications Devices with Headsets	1
2.13	60041	TIA-920.110-B	ANSI/TIA-920.110-B, Digital Interface Communications Devices with Handsets	1
2.14	60047	TIA-920.120-B	ANSI/TIA-920.120-B, Digital Interface Communications Devices with Speakerphones	1
2.15	6795	ES 202 737/38	ETSI ES 202 737 / ES 202 738, Narrowband IP Phones	1
2.16	6796	ES 202 739/40	ETSI ES 202 739 / ES 202 740, Wideband IP Phones	1
2.17	60028	UG TS 26 SWB/FB	3GPP TS 26.131/132, 3G/4G Terminals, Extension Super-wideband & Fullband, Code 6777 Required	1
2.18	60035	TS 102 924/25	ETSI TS 102 924 / TS 102 925 Super-wideband/Fullband Speech Quality	1
2.19	6595	PSMM Skype	Positioning Stand for 1/2" Microphone & Artificial Mouth acc. to Skype-Lync Standard	1
2.20	6498	HRT I	HEAD acoustics Remote-operated Turntable	1
2.21	7700	labCore	ACQUA lab Modular Multi-Channel Front End for Speech & Audio Quality Testing ACQUA lab 模块化多通道数采前端	2
2.22	7710	coreBus	labCORE I/O Bus Mainboard labCore I/O 总线主板	2
2.23	7720	coreOUT-Amp2	labCORE Output Module, Mouth Amplifier (2 Channels) labCore 输出模块, 嘴放 (双通道)	2

2.24	7730	coreIN-Mic4	labCore Input-Module, Microphone (4 Channels) labCore输入模块, 麦克风 (4通道)	2
2.25	7740	coreBEQ	labCORE Binaural Equalization labCore双耳均衡	2
2.26	7770	coreIP	labCORE I/O Module, Voice over IP Reference Gateway labCore I/O模块, VoIP参考网关	1
2.27	7771	coreIP-IMP	labCORE VoIP Impairment Option labCore VoIP网络损伤选件	1
2.28	7773	coreIP-EVS	labCORE VoIP EVS Codec Option labCore VoIP EVS编解码选件	1
2.29	7774	coreIP-OPUS	labCORE VoIP OPUS Codec Option (coreIP Module Required)	1
2.30	7780	coreBT	labCORE I/O Module Bluetooth Reference Access Point labCore蓝牙接入点模块	1
2.31	7781	coreBT-EXE	labCORE Bluetooth Extended Codec Option (CoreBT Module Required) labCore蓝牙模块音频编码扩展宽带语音及aptX编解码	1
2.32	9852.2	RMB IV.3 2RU	19" Rack Mount Bracket (2 Rack Unit)for labCORE(2 pcs.) 用于labCore的机柜抓手	1
2.33	0211	GRAS 46BF-1	microphone set (1/4" pressure Field, Lemo 5-pin) (consisting of microphone cartridge 40BF and pre-amplifier 26AC-1)	1
2.34	0211	GRAS 46BP-1	1/4" LEMO presure Standard Microphone Set	1
2.35	0213	GRAS AA0091	3m LEMO 00 5-pin to LEMO 1B 7-pin	1
2.36	0211	GRAS 46AF	1/2" LEMO Free-field Standard Microphone Set 1/2英寸自由场测量麦克风套件	1
2.37	0213	GRAS 44AA	Artificial mouth according to P.51 人工嘴	1
2.38	0211	GRAS AL0006	Tripod	1
2.39	0213	GRAS SK0017	Tripod Conversion Screw 3/8"-1/4"	1
2.40	0215	GRAS AA0009	Connection Cable for Preamplifier (LEMO 7-pin, 10 m) 麦克风前置放大器连接线	1

3. Other Service 服务

Pos	Code	Product	Description	Qty.
3.1	-	-	1 working days system installation, final acceptance test and training on site by HEAD acoustics engineers.	8

EUR 116.200

Shipment: approx. 10 weeks after signing contract and downpayment, exact date will be provided by order acknowledgement
Valid till: 25-Jan-2022
Payment: 100% TT payment before shipment.
Remark: 1. 以上配置不包含安装ACQUA,HAE-BGN/car/3PASS的电脑

报价批准:

Hottinger Brüel & Kjær A/S
Quotation

Name: 松山湖材料实验室

Addr: 东莞市松山湖国际创新创业社区A1栋

Attn: 杨方友 先生

Tel:

Email: yangfanfyou@sslslab.org.cn

Zip:

Fax:

Mobile: 13532508217

Date: Jan.24.2022

Ref.No:

Valid Until: Dec.31,2022

By: Xu Da(徐达)

Mobile: 86-13925158732

Email: da.xu@hbkworld.com

Tel: 86-20-2887 3838

Fax: 86-20-28873847

Item	Description	Type	Qty	Unit Price EUR	Total Price EUR
1	1通道输入1通道输出模块 (DC--204kHz) 1 ch Input + 1 ch Output Module LAN-XI 204.8kHz (Mic, CCLD, V)	3161-A-011-R	1	14,822.00	14,822.00
2	3通道输入模块 (DC--102kHz) 3-ch Input Module LAN-XI 102.4 kHz (Mic, CCLD, V)	3052-A-030-R	1	19,530.00	19,530.00
3	头躯干模拟器 (含左、右双耳) Head and Torso Simulator with left and right Ear Simulator (20kHz, CCLD, 3.3 pinna)	5128-C-111	1	48,342.00	48,342.00
4	5米BNC电缆 Cable, coax single screen, BNC (M) to BNC (M), 5m , max.+85°C (185°F)	AO-0087-D-050	2	143.00	286.00
5	支撑脚 Support leg, for 4100, 4128	UA-1043	1	86.00	86.00
6	智能型1/4英寸自由场麦克风带2670前置放大器 1/4" Free-field Microphone, incl. Preamplifier 2670 with TEDS	4939-A-011	1	3,261.00	3,261.00
7	声级校准器 '1/2" Free-field Microphone, 3 Hz to 20 kHz, 200V Polarization. Incl. preamplifier 2669L with TEDS	4190-L-001	1	3,018.00	3,018.00
8	麦克风校准适配器 Adaptor for calibrating 1/4" microphones on Calibrator Type 4228 or 4231	DP-0775	1	174.00	174.00
9	声校准器 Sound Calibrator, Class 1 and LS, 94 and 114 dB, 1 kHz	4231	1	1,989.00	1,989.00
10	数据浏览软件 BK Connect Data Viewer (advanced), Node-locked License	8400-N	1	0.00	0.00
11	一年软件更新维护协议 Annual Software Maintenance and Support Agreement for BK Connect Data Viewer (advanced),	M1-8400-N	1	0.00	0.00
12	数据处理及基本分析软件 BK Connect Data Processing Pack, Node-locked License	8403-NS	1	14,306.00	14,306.00
13	数据处理基本分析软件一年更新维护协议 Annual Software Maintenance and Support Agreement for BK Connect Data Processing Pack	M1-8403-NS	1	1,526.00	1,526.00
14	DELL 笔记本电脑 (WIN10 64位英文专业版+OFFICE 专业版), I7 CPU,32G 内存, 1T固态硬盘, 用户国内自购		1	0.00	0.00

Total		EUR
F.O.B. Copenhagen Packing Incl.		107,340.00
Freight & Insurance	3.0%	3,220.20
C.I.P. Guangzhou Airport		110,560.20
	10%折扣后总价 (运保费不打折)	99,826.00

Payment: By 100% T/T at sight

Time of Delivery: Within 60 days after receiving T/T

The time of delivery stated is to be understood from receipt of your firm order

Subject to goods being unsold