CAIET DE SARCINI

pentru achiziția echipamentului Audio

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| **Nr**  **lot** | **Cod**  **CPV** | **Denumirea bunului** | **Unitat**  **de măsură** | **Cant** | **Descrierea bunurilor și specificarea tehnică**  **(cerințe minime tehnice)** | **Valoarea estimată** |
|  |  | | | | |  |
| 1 | 32330000-5 | Boxă audio | Bucată | 5 | Boxa activă cu accesorii  Equipment: 12" and 1" speakers  Biamped switching power supply amplifier with 700 Watt LF+200 Watt HF RMS Class-D  Frequency range: 48 - 20,000 Hz  Beam angle: 90° x 60°  Maximum SPL cont / peak: 125 / 131 dB  Integrated DSP with 4 switchable EQ presets  Monitor angle : 12°, 40° and 55°  Mic Line Switch  HP filters  XLR input and output  Volume controller  Plastic housing  2x M10 flying points  35 mm Flange for uprights | 33333.33 |
| 2 | 32330000-5 | Wireless  In-Ear  Monitor Kit | Bucată | 1 | Pro Wireless In-Ear Monitor Kit includes a wireless transmitter, 3 wireless bodypack receivers, 3 battery pack and one charger. Include a 1/4 wave antenna, a power supply.  *Wireless Transmitter (1pcs)*  **Performance**  Transmission Range – 90 m  RF Output Power – 10, 20, 30 mW  RF Output Impedance – 50 Ohms (typical)  **Audio Input**  Connector Type – 1/4” TRS (6.35 mm)  Polarity – Tip positive with respect to ring  Configuration – Electronically balanced  Impedance – 40 kOhms (actual)  Nominal Input Level – Switchable, +4 dBu, -10 dBV  Maximum Input Level - +4 dBu: +22 dBu; -10 dBV: +12.2 dBu  Pin Assignments – Tip=hot, Ring=cold, Sleeve=ground  Phantom Power Protection – Up to 60 VDC  **Audio Output**  Connector Types – 1/4” TRS (6.35 mm)  Configuration – Electronically balanced  Impedance – Connected directly to inputs  **General**  Antenna – 1/4 wave, detachable  Power Requirement – 12 to 15 VDC, 260 mA maximum  *Wireless Bodypack Receiver (3pcs)*  RF Sensitivity – Active: 2.2 μV (at 20 dB SINAD)  Image Rejection - > 90 dB  Adjacent Channel Rejection - > 60 dB  Intermodulation Attenuation - > 50 dB  Blocking - > 60 dB  Audio Output Power-80mW per output  Minimum Load Impedance – 16 Ohms  Headphone Output – 1.8” (3.5 mm), stereo  Continuous Battery Life – 4 to 5.5 hours, AA batteries  **Dual Docking Recharging Station** (1 Pcs) equivalent SBC200  Fits P3RA, P9R, P10R, UR5, ULX-D and QLX-D series  For two Li-Ion batteries and/or hand-held or pocket transmitters  Can be linked together  Includes power supply for up to 4 units  *Battery pack (3 Pcs)*: Rechargeable Lithium-ion Battery (4.2V/1240mAh) Equivalent to SB900B | 50000.00 |
| 3 | 32330000-5 | Lavalier  microphone  system | Bucată | 2 | **Dual Wireless System with two Bodypack Transmitters and two microphones (Set)**  Frequency range: S50  **Receiver** (1 pcs)  Form Factor – Tabletop / Rackmount  Mounting Options – Rackmount (with Included Hardware)  Rackmount Size – 1 RU (Full Rack)  Antenna – 2 x 1/4 Wave External, BNC (Rear-Mount)  Number of Audio Channels – 2  Audio I/O – 2 x XLR 3-Pin Male Balanced Mic/Line Output  2 x 1/4” TRS Female Balanced Output  Gain Range – 0 to +21 dB (3 dB Steps)  Pad – 30 dB  Audio Output Level - -18 to +42 dB (Balanced, Unbalanced)  Frequency Response – 20 Hz to 20 kHz +1/-2 dB (Dependent on Mic)  Impedance – 1/4” Outputs: 1.3 Kilohms (Balanced); 670 Ohms (Unbalanced)  XLR Outputs: 400 Ohms (Balanced); 150 Ohms (Balanced)  Approximate RF Sensitivity - -97 dBm  Adjacent Channel Isolation - >70 dB  AC/DC Power Adapter – 15 VDC at 600 mA, Center-Positive (Included)  AC Input Power – 100 to 240 VAC, 50 / 60 Hz  Display & Indicators – LCD (AF Level, Channel, Frequency, Group, RF Level,  Transmitter Battery Status)  Housing – Steel  **Transmitter** (3 pcs)  Form Factor – Bodypack  RF Output Power – 1 / 10 mW  Audio I/O – 1 x TA4/Mini XLR 4-Pin Male Unbalanced Input (Lockable)  Gain Range – 0 +21 dB  Sync Method – IR  Antenna – 1/4 Wave External, Fixed  Power Requirements – Battery  Battery Type – 2 x AA; 1 x SB 903  Battery Charging Time – 1.25 to 5.5 Hours  USB/Lightning Connectivity – None  Display & Indicators – LCD (Battery Status, Channel, Group)  Housing – ABS, Plastic  **Microphone** (3 pcs)  Form Factor – Lavalier  Sound Field – Mono  Capsule – Electret Condenser  Polar Pattern – Omnidirectional  Pad – None  High-Pass Filter – None  Indicators – None  Windscreen – Foam  Performance  Frequency Range – 50 Hz to 17 kHz  Maximum SPL – 125 dB SPL  Impedance – 1800 Ohms  Sensitivity - -40 dBV/Pa  Dynamic Range 102.5 dB  Equivalent Noise Level – 22.5 dB SPL A-Weighted  Connectivity  Output Connectors – 1 x TA4/Mini XLR 4-Pin Female (TQG)  Cable Length – 1.22 m  Physical  Color – Black  Mounting – Alligator Clip, Tie Tac Clip (Included) | 78333.33 |
| 4 | 32330000-5 | Microphone Podcast Bundle | Bucată | 3 | **Microphone**  - Dynamic Speaker and Recording Microphone  - Polar pattern: Cardioid  - Frequency range: 50 – 20,000 Hz  - Sensitivity -59.0 dB (1.12 mV)  - Bass roll-off switch  - Mid-boost switch  - Impedance: 150 ohms  - Shielding against electromagnetic interference  - Swivel mount  - XLR connector  - Includes switch cover plate and windscreen  **Microphone Arm**  - Table microphone arm with cable guide  - Cables up to 8 mm in diameter can be attached to the underside of the arms with a clip system  - Aluminium construction  - Locking centre joint  - 3/8» Rhreaded connection with 5/8» adapter  - Table clamp up to 56 mm or table feed-through up to 45 mm (20 mm hole)  - Length upper arm: 43 cm  - Length lower arm: 43 cm  - Colour: Black  **-** Microphone Cable Length: 3 m | 22500.00 |
| 5 | 32330000-5 | Handheld Microphone  system | Bucată | 1 | The handheld microphone system offers two presenters or performers a dual-channel wireless handheld microphone system that’s dependable, and features crystal-clear, digital sound quality. Built around a rugged, dual-channel, single-rackspace receiver.  **System**  Wireless Technology – Digital UHF  Number of RF Channel Frequencies – 1840  Included Transmitters – 2 x Handheld  Diversity - True Digital Diversity  RF Frequency Band – S50: 823 MHz – 865 MHz  RF Channel Scanning – Auto-Scan  Max Operating Range – 100 m  Max Transmitters per Band – 32  Sample Rate/Resolution – 24-Bit  Latency – 3.2 ms  Dynamic Range – 120 dBA (Typical)  **Receiver** (1 pcs)  Receiver Type – Rackmount  Mounting Options – Rackmount (with Included Hardware)  Rackmount Size – 1 RU (Full Rack)  Antenna - 2 x 1/4 Wave External, BNC (Rear-Mount)  Number of Audio Channels – 2  Audio I/O – 2 x XLR 3-Pin Male Balanced Mic/Line Output; 2 x 1/4” TRS Female Balanced Output (Lockable)  Gain Range – 0 to +21 dB (3 dB Steps)  Pad – 30 dB  Audio Output Level - -18 to +42 dB (Balanced, Unbalanced)  Phantom Power Protection – On 1/4”, XLR Outputs  Frequency Response – 20 Hz to 20 kHz +1/-2 dB (Dependent on Mic)  Network I/O – 1 x RJ45 (10/100 Mb/s)  Network Protocols – DHCP, Manual IP  Adjacent Channel Isolation - >70 dB  Power Requirements – AC/DC Power Adapter  AC/DC Power Adapter – 15 VDC at 600 mA, Center-Positive (Included)  AC Input Power – 100 to 240 VAC, 50 / 60 Hz  Display & Indicators – LCD (AF Level, Channel, Group, RF Level, Transmitter Battery Status)  **Transmitter** (3 pcs)  Transmitter Type – Handheld  RF Output Power - 1 / 10 mW  Audio Input Level - 8.2 dBV  Gain Range – 0 +21 dB  Frequency Response – 20 Hz to 20 kHz (Dependent on Mic)  Sync Method – IR  Antenna - Internal Single-Band Helical  Power Requirements – Battery  Battery Type – 2 x AA;  Display & Indicators – LCD (Battery Status, Channel, Group, Power)  Housing - Aluminum  Beta87A condenser capsule  Microphone directional characteristic: Supercardioid | 41666.66 |
| 6 | 32330000-5 | Condenser Microphone | Bucată | 4 | Condenser Microphones  Ideal for overhead, hihat, percussion, acoustic guitar  **General Specifications**  Audio frequency bandwidth 20 – 20000 Hz  Equivalent noise level 18 dB-A  Sensitivity 9 mV/Pa  Signal to Noise 76 dB-A  Preattenuation Pad -10; -20 dB  Bass cut filter 75; 150 Hz  Electrical impedance 200 Ohms  Recommended load impedance 1000 Ohms  Polar Pattern Cardioid  **Powering Interface**  Voltage 9 to 52 V  Current 2 mA  **Audio Output**  Type Balanced XLR  Gender Male  Contacts 3-pin  -CK 1 capsule  -Includes windshield W90 and stand adapter SA60 | 15000.00 |
| 7 | 32330000-5 | EARPHONE | Bucată | 10 | EARPHONE  -Transparent coiled tube (acoustic tube)  -Application area:  Stage – Theatre – Broadcast  -Detachable cable  -Cable:Length 1.5m (59»)  -Plugs: 3.5mm Right Angle Phone | 12500.00 |
| 8 | 32330000-5 | Lavalier Microphone | Bucată | 20 | Omnidirectional Lavalier Microphone with TA4F Connector  -Modular design with interchangeable electret condenser capsule  -Directional characteristic: Omnidirectional  -4-Pin mini XLR (TQG) connector for wireless applications  -Frequency response: 50 Hz – 17,000 kHz  -Output impedance: 1.8 kOhm  -Open circuit sensitivity: -45.5 dBV/Pa (10 mV)  -Max. SPL (sound pressure level): 130.5 dB  -Inherent noise (equivalent noise level): 28.0 dB (A)  -Power supply: +5 V (1.5 – 10 V)  -Cable length: 1.2 m  Includes a windscreen that controls breath noise, 2 different clip-on tie pins and a bag | 33333.34 |
|  | Total: |  |  |  |  | 286666.66 |