

Specificații tehnice (F4.1)

Numărul procedurii de achiziție ocds-b3wdp1-MD-1630999026390 din 07.09.2021
Denumirea procedurii de achiziție: <i>Retehnologizarea TV – studioul nr. 5</i>

Cod CPV	Denumirea bunurilor	Modelul articolului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
1	2	3	4	5	6	7	8

	Lot nr.2 Sistem Playout						
48000000-8	2.1 Playout Software	Playout ver 7	Romania	MagicSoft	<p>Suitable for 24/7 playout for news, music and movies channels, allowing to insert commercials and to switch between multiple live video.</p> <p>The supported output video modes SD, HD and 4K and you can play any media files (regardless of size or resolution) because the engine will automatically make the necessary resize and framerate trans-coding (and this works for any media file or live input).</p> <p>The software works unde Windows 7 / 8 /10 and Windows Server 2016 / 2019.</p> <p>The supported video modes are :</p> <p>HD1080p 23.98 / 24 / 25 / 29.97 / 30 / 50 / 59.94 / 60; HD1080i 50 / 59.94; HD720p 50 / 59.94; SD PAL / NTSC</p> <p>Features :</p> <ul style="list-style-type: none"> - flexible workflow supporting both database and working with storage directly - client-Server architecture so multiple clients can manage the server over network - number of output channels per PC - 4 channels - live inputs - 4 inputs (allowing switching manually or automatically) - forced starting time can be assigned for clips or live inputs - automatically transcode for files and Live inputs (so any file with size between 8K and 320 x 240 and the framerate between 3 and 120 fps can be used) 	<p>Suitable for 24/7 playout for news, music and movies channels, allowing to insert commercials and to switch between multiple live video.</p> <p>The supported output video modes SD, HD and 4K and you can play any media files (regardless of size or resolution) because the engine will automatically make the necessary resize and framerate trans-coding (and this works for any media file or live input).</p> <p>The software works unde Windows 7 / 8 /10 and Windows Server 2016 / 2019.</p> <p>The supported video modes are :</p> <p>HD1080p 23.98 / 24 / 25 / 29.97 / 30 / 50 / 59.94 / 60; HD1080i 50 / 59.94; HD720p 50 / 59.94; SD PAL / NTSC</p> <p>Features :</p> <ul style="list-style-type: none"> - flexible workflow supporting both database and working with storage directly - client-Server architecture so multiple clients can manage the server over network - number of output channels per PC - 4 channels - live inputs - 4 inputs (allowing switching manually or automatically) - forced starting time can be assigned for clips or live inputs - automatically transcode for files and Live inputs (so any file with size between 8K and 320 x 240 and the framerate between 3 and 120 fps can be used) 	

					<ul style="list-style-type: none"> - supported input and output cards: BlackMagic Design (Decklink & Intensity) - NDI (Network Device Interface) support for inputs and outputs - import folders feature (to assign same metadata to all files taken from the folder) - advanced playlist editor supporting working with multiple level grouping <p>Features added by the conformance recording module:</p> <ul style="list-style-type: none"> - record the output of each channels using a H264 codec <p>The loudness normalization allows using media without requiring a manual adjustment of the sound level.</p> <p>Other advantages of using the loudness normalization:</p> <ul style="list-style-type: none"> - real-time automatically processing, without compression or distortion - offers the best results even if the audio has a high dynamic range - possibility to achieve a predictable loudness level <p><i>The list of supported codecs and containers :</i> H264 AVC Intra 50 / 100 .mxf H264 8 bit and 10 bit (4:2:0 / 4:2:2) .mp4 / .mov / .avi / .mkv / .ts Mpeg2 ps / ts (4:2:0 / 4:2:2) .mpeg / .mpg / .m2t XSCAM 35 and XdCAM 50 .mov / .mxf IMX (for both PAL and NTSC) .mxf ProRes .mov HEVC 8 bit and 10 bit (4:2:0 / 4:2:2) .mp4 / .mov / .avi / .mkv / .ts DNxHD 8 bit and 10 bit .mov / .mxf DNxHR .mov / .mxf DV .avi / .mov / .mxf / .dv (rawDV) DVCPRO .avi / .mov DVCPRO HD .mov Uncompressed YUV 8 bit .avi / .mov Uncompressed YUV 10bit .avi / .mov</p> <p><i>Playout License</i> Playout HD with 4 ch + Playout Audio Module + Conformance recording</p>	<ul style="list-style-type: none"> - supported input and output cards: BlackMagic Design (Decklink & Intensity) - NDI (Network Device Interface) support for inputs and outputs - import folders feature (to assign same metadata to all files taken from the folder) - advanced playlist editor supporting working with multiple level grouping <p>Features added by the conformance recording module:</p> <ul style="list-style-type: none"> - record the output of each channels using a H264 codec <p>The loudness normalization allows using media without requiring a manual adjustment of the sound level.</p> <p>Other advantages of using the loudness normalization:</p> <ul style="list-style-type: none"> - real-time automatically processing, without compression or distortion - offers the best results even if the audio has a high dynamic range - possibility to achieve a predictable loudness level <p><i>The list of supported codecs and containers :</i> H264 AVC Intra 50 / 100 .mxf H264 8 bit and 10 bit (4:2:0 / 4:2:2) .mp4 / .mov / .avi / .mkv / .ts Mpeg2 ps / ts (4:2:0 / 4:2:2) .mpeg / .mpg / .m2t XSCAM 35 and XdCAM 50 .mov / .mxf IMX (for both PAL and NTSC) .mxf ProRes .mov HEVC 8 bit and 10 bit (4:2:0 / 4:2:2) .mp4 / .mov / .avi / .mkv / .ts DNxHD 8 bit and 10 bit .mov / .mxf DNxHR .mov / .mxf DV .avi / .mov / .mxf / .dv (rawDV) DVCPRO .avi / .mov DVCPRO HD .mov Uncompressed YUV 8 bit .avi / .mov Uncompressed YUV 10bit .avi / .mov</p> <p><i>Playout License</i> Playout HD with 4 ch + Playout Audio Module + Conformance recording</p>	
48000000-8	2.2 Software Upgrade	CG upgrade	Romania	MagicSoft	<p>MagicSoft CG update from CG ver 7 HD to CG ver 8 HD (license will be installed/updated on USB dongle from CG version 7)</p>	<p>MagicSoft CG update from CG ver 7 HD to CG ver 8 HD (license will be installed/updated on USB dongle from CG version 7)</p>	

		from CG ver 7 to CG ver 8					
48820000-2	2.3 Server	Poweredge R740xd	China	Dell	Cerințe Minime: -Chassis: 2U – 8 x 3.5 SATA, Single Socket; -Processor: CPU 16C/32T, Base Frequency: 2.1GHz, Turbo: 3.2Ghz, 22MB Cache, (100W); -Memory: 64 Gb DDR4 ECC RDIMM; -Boot Drive: 512Gb SSD; -Expansion Slots 4 PCI-E 3.0 x8 (FHFL) slots; 1 PCI-E 3.0 x8 (LP) slot -RAID Controller: RAID(0,1,5,6,10,50,60), 12Gb/s SAS and SATA controller with 1Gb Cache, with Cache Protection Module; -Hard Drive: 8 x 4TB 7.2k SATA 6Gbps, 256MB, HDD Enterprise 3.5; -Network: 2 x RJ45 10-Gigabit Ethernet; -Power Supply: 500W+, Redundant Power; -Rails for server rack; -Warranty: 3 Years; -Include Prelungitor 19 1.5U power socket, PDU02, 9 ports, 16A, 1.8M	Cerințe Minime: -Chassis: 2U – 8 x 3.5 SATA, Single Socket; -Processor: CPU 16C/32T, Base Frequency: 2.1GHz, Turbo: 3.2Ghz, 22MB Cache, (100W); -Memory: 64 Gb DDR4 ECC RDIMM; -Boot Drive: 512Gb SSD; -Expansion Slots 4 PCI-E 3.0 x8 (FHFL) slots; 1 PCI-E 3.0 x8 (LP) slot -RAID Controller: RAID(0,1,5,6,10,50,60), 12Gb/s SAS and SATA controller with 1Gb Cache, with Cache Protection Module; -Hard Drive: 8 x 4TB 7.2k SATA 6Gbps, 256MB, HDD Enterprise 3.5; -Network: 2 x RJ45 10-Gigabit Ethernet; -Power Supply: 500W+, Redundant Power; -Rails for server rack; -Warranty: 3 Years; -Include Prelungitor 19 1.5U power socket, PDU02, 9 ports, 16A, 1.8M	
48820000-2	2.4 Server	Poweredge R740xd	China	Dell	Cerințe Minime: -Chassis: 2U GPU Server, Dual Socket; -Processor: 2 x CPU 16C/32T, Base Frequency: 2.1GHz, Turbo: 3.2Ghz, 22MB Cache, (100W); -Memory: 128 Gb DDR4 ECC RDIMM; -Expansion Slots 6 x PCI-E 3.0 x16 (double-width) slots 1 x PCI-E 3.0 x16/8 Low-profile -RAID Controller: RAID(0,1,5,6,10,50,60), 12Gb/s SAS and SATA controller with 2Gb Cache, with Cache Protection Module; -Hard Drive: 7 x 960GB 2.5" SATA 6.0Gb/s Solid State Drive; -GPU Accelerator 24GB GDDR6 - PCIe 3.0 x16 - Passive Cooling (4xDP) (Ray Tracing) echivalent la RTX6000 -Network: 2 x RJ45 10-Gigabit Ethernet; -Power Supply: 1500W+, Redundant Power; -Rails for server rack; -Warranty: 3 Years; -Include Prelungitor 19 1.5U power socket, PDU02, 9 ports, 16A, 1.8M	Cerințe Minime: -Chassis: 2U GPU Server, Dual Socket; -Processor: 2 x CPU 16C/32T, Base Frequency: 2.1GHz, Turbo: 3.2Ghz, 22MB Cache, (100W); -Memory: 128 Gb DDR4 ECC RDIMM; -Expansion Slots 6 x PCI-E 3.0 x16 (double-width) slots 1 x PCI-E 3.0 x16/8 Low-profile -RAID Controller: RAID(0,1,5,6,10,50,60), 12Gb/s SAS and SATA controller with 2Gb Cache, with Cache Protection Module; -Hard Drive: 7 x 960GB 2.5" SATA 6.0Gb/s Solid State Drive; -GPU Accelerator 24GB GDDR6 - PCIe 3.0 x16 - Passive Cooling (4xDP) (Ray Tracing) echivalent la RTX6000 -Network: 2 x RJ45 10-Gigabit Ethernet; -Power Supply: 1500W+, Redundant Power; -Rails for server rack; -Warranty: 3 Years; -Include Prelungitor 19 1.5U power socket, PDU02, 9 ports, 16A, 1.8M	

32413100-2	2.5 KVM extender	CE 920	Taiwan	ATEN	<p>KVM USB DisplayPort HDBaseT™ 2.0 Extender integrates the latest HDBaseT™ 2.0 technologies to deliver 4K video, stereo audio, USB, Ethernet, and RS-232 signals up to 100 meters using a single Cat6 / 2L-2910 Cat 6 cable. The HDBaseT™ 2.0 guarantees the most reliable transmission on the market as well as enables the long-reach capability that extends full HD 1080P signals up to 150 meters. With an easy cable installation supporting various signals, the KVM is ideal for applications where convenient remote access is required – such as transportation control centers, medical facilities, industrial warehouses, and extended workstations.</p> <p>Connectors Console Ports (Remote Unit) 1 x DisplayPort Female (Black) 3 x USB Type A Female 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink) 1 x RJ-45 Female (Black) 1 x DB-9 Male (Black) 1 x DC Jack with locking 1 x RJ-45 Female (Black) 1 x Wakeup button Video Up to 4K@90m (Cat 5e) / 100m (Cat 6/6a/ATEN 2L-2910 Cat6); 1080P@100m (Cat 5e/6/6a); *4K supported: 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)</p> <p>KVM Ports (Local Unit) 1 x DisplayPort Female (Black) 1 x USB Type B Female (White) 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink) 1 x RJ-45 Female (Black) 1 x RJ-45 Female (Black) 1 x DB-9 Male (Black) 1 x DC Jack with locking Video Up to 4K@90m (Cat 5e) / 100m (Cat 6/6a/ATEN 2L-2910 Cat6); 1080P@100m (Cat 5e/6/6a); *4K supported: 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)</p> <p>Features Supports HDBaseT™ 2.0 technology - Extends video, audio, USB, RS-232, and Ethernet signals via a single Cat6 / 6a / 2L-</p>	<p>KVM USB DisplayPort HDBaseT™ 2.0 Extender integrates the latest HDBaseT™ 2.0 technologies to deliver 4K video, stereo audio, USB, Ethernet, and RS-232 signals up to 100 meters using a single Cat6 / 2L-2910 Cat 6 cable. The HDBaseT™ 2.0 guarantees the most reliable transmission on the market as well as enables the long-reach capability that extends full HD 1080P signals up to 150 meters. With an easy cable installation supporting various signals, the KVM is ideal for applications where convenient remote access is required – such as transportation control centers, medical facilities, industrial warehouses, and extended workstations.</p> <p>Connectors Console Ports (Remote Unit) 1 x DisplayPort Female (Black) 3 x USB Type A Female 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink) 1 x RJ-45 Female (Black) 1 x DB-9 Male (Black) 1 x DC Jack with locking 1 x RJ-45 Female (Black) 1 x Wakeup button Video Up to 4K@90m (Cat 5e) / 100m (Cat 6/6a/ATEN 2L-2910 Cat6); 1080P@100m (Cat 5e/6/6a); *4K supported: 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)</p> <p>KVM Ports (Local Unit) 1 x DisplayPort Female (Black) 1 x USB Type B Female (White) 1 x Mini Stereo Jack Female (Green) 1 x Mini Stereo Jack Female (Pink) 1 x RJ-45 Female (Black) 1 x RJ-45 Female (Black) 1 x DB-9 Male (Black) 1 x DC Jack with locking Video Up to 4K@90m (Cat 5e) / 100m (Cat 6/6a/ATEN 2L-2910 Cat6); 1080P@100m (Cat 5e/6/6a); *4K supported: 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)</p> <p>Features Supports HDBaseT™ 2.0 technology - Extends video, audio, USB, RS-232, and Ethernet signals via a single Cat6 / 6a / 2L-</p>
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					<p>2910 Cat 6 cable</p> <ul style="list-style-type: none"> - Enhanced bit error detection and correction to resist signal interference during highquality video transmissions - Status detection and LED indication for HDBaseT™ signal transmission on remote unit <p>EDID Buffer for smooth power-up and the highest quality display</p> <p>Long distance with superior video quality</p> <ul style="list-style-type: none"> - HDBaseT™ Standard mode up to 4K @ 100m (Cat 6 / 6a / 2L-2910) - HDBaseT™ Long-Reach mode up to 1080P @ 150m <p>Long Reach mode switch – switches between HDBaseT™ Standard and Long Reach modes in a snap</p> <p>USB 2.0 full speed ports – ensures fast transmission speeds for peripherals</p> <p>HDCP Compatible</p> <p>Supports individual 2-channel stereo audio for high-quality audio applications</p> <p>Supports PC wakeup function via single pushbutton through RS-232 channel*</p> <p>Built-in 8KV / 15KV ESD protection (Contact voltage 8KV; Air voltage 15KV)</p>	<p>2910 Cat 6 cable</p> <ul style="list-style-type: none"> - Enhanced bit error detection and correction to resist signal interference during highquality video transmissions - Status detection and LED indication for HDBaseT™ signal transmission on remote unit <p>EDID Buffer for smooth power-up and the highest quality display</p> <p>Long distance with superior video quality</p> <ul style="list-style-type: none"> - HDBaseT™ Standard mode up to 4K @ 100m (Cat 6 / 6a / 2L-2910) - HDBaseT™ Long-Reach mode up to 1080P @ 150m <p>Long Reach mode switch – switches between HDBaseT™ Standard and Long Reach modes in a snap</p> <p>USB 2.0 full speed ports – ensures fast transmission speeds for peripherals</p> <p>HDCP Compatible</p> <p>Supports individual 2-channel stereo audio for high-quality audio applications</p> <p>Supports PC wakeup function via single pushbutton through RS-232 channel*</p> <p>Built-in 8KV / 15KV ESD protection (Contact voltage 8KV; Air voltage 15KV)</p>	
	2.6 Instalare				<p>Instalarea și punerea în funcțiune a sistemului de Payout ;</p> <p>Materiale și elemente pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora;</p> <p>Lucrările de montare, precum și operațiunile de instalare, ajustare;</p> <p>Sistemul va fi predat la cheie; Garanția hardware 2 ani</p>	<p>Instalarea și punerea în funcțiune a sistemului de Payout ;</p> <p>Materiale și elemente pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora;</p> <p>Lucrările de montare, precum și operațiunile de instalare, ajustare;</p> <p>Sistem predat la cheie; Garanția hardware 3 ani</p>	

	Lot nr.3 Echipament audio						
32330000-5	3.1 AudioRack	AR2412	United Kingdom	Allen & Heath	<p>24 Mic Preamps Inputs on XLR:</p> <p>Phantom Power LED per Input</p> <p>Balanced, 48 V phantom power</p> <p>Mic/Line Preamp: Fully recallable</p> <p>Input Sensitivity: -60 to 15 dBu</p> <p>Analogue Gain: 5 to 60 dB, 1 dB steps</p> <p>Pad: -20 dB active pad</p>	<p>24 Mic Preamps Inputs on XLR:</p> <p>Phantom Power LED per Input</p> <p>Balanced, 48 V phantom power</p> <p>Mic/Line Preamp: Fully recallable</p> <p>Input Sensitivity: -60 to 15 dBu</p> <p>Analogue Gain: 5 to 60 dB, 1 dB steps</p> <p>Pad: -20 dB active pad</p>	

					<p>Maximum Input Level: 30 dBu (pad in) Input Impedance: >4 kOhms (pad out), >10 kOhms (pad in) 12 XLR Line Outs: Balanced, relay protected Output Impedance: <75 Ohms Nominal Output: 4 dBu = 0 dB meter reading Maximum Output Level: 22 dBu Residual Output Noise: -92 dBu (muted, 20 to 20 kHz) Connection dSNAKE Connection with locking Ethercon port via Cat5 Mains Power 100 to 240 VAC, 50/60 Hz Expander Ethercon port for connection to an AR84 or AB168</p>	<p>Maximum Input Level: 30 dBu (pad in) Input Impedance: >4 kOhms (pad out), >10 kOhms (pad in) 12 XLR Line Outs: Balanced, relay protected Output Impedance: <75 Ohms Nominal Output: 4 dBu = 0 dB meter reading Maximum Output Level: 22 dBu Residual Output Noise: -92 dBu (muted, 20 to 20 kHz) Connection dSNAKE Connection with locking Ethercon port via Cat5 Mains Power 100 to 240 VAC, 50/60 Hz Expander Ethercon port for connection to an AR84 or AB168</p>	
32330000-5	3.2 Desktop Audio Meter	Clarity M Stereo	Denmark	TC Electronic	<p>Stereo Audio Meter for Mixing, Mastering and Post Production 7" High Resolution Display (800x480) for accurate viewing USB connection for smooth plug-in integration Supports AU, VST & AAX plug-ins and all major broadcast standards including ITU BS.1770-4, ATSC A / 85, EBU R128, TR-B32 and OP-59 Features: Vectorscope for detailed L / R analysis Real Time Analyzer Balance O-meter for L / R and M / S Correlation display for phase problems True Peak Meter LM6 Loudness Radar Connections: Stereo 96 kHz AES3 digital audio at 75 Ohm BNC connection for broadcast measurement Optical S / PDIF input stereo (Toslink) USB 2.0 (Micro Type B) Incl. power supply, USB cable (1 meter) and bracket for table installation</p>	<p>Stereo Audio Meter for Mixing, Mastering and Post Production 7" High Resolution Display (800x480) for accurate viewing USB connection for smooth plug-in integration Supports AU, VST & AAX plug-ins and all major broadcast standards including ITU BS.1770-4, ATSC A / 85, EBU R128, TR-B32 and OP-59 Features: Vectorscope for detailed L / R analysis Real Time Analyzer Balance O-meter for L / R and M / S Correlation display for phase problems True Peak Meter LM6 Loudness Radar Connections: Stereo 96 kHz AES3 digital audio at 75 Ohm BNC connection for broadcast measurement Optical S / PDIF input stereo (Toslink) USB 2.0 (Micro Type B) Incl. power supply, USB cable (1 meter) and bracket for table installation</p>	
32223000-2	3.3 Converter (set)	Teranex mini SDI to audio 12G	Australia	Blackmagic	<p>Converter de-embedder (2 pcs), including rack shelf (1pcs). Connections: 1 x 12G-SDI SD/HD/2K/4K auto switching. 1 x 12G-SDI loop output</p>	<p>Converter de-embedder (2 pcs), including rack shelf (1pcs). Connections: 1 x 12G-SDI SD/HD/2K/4K auto switching. 1 x 12G-SDI loop output</p>	

					<p>Embedded Audio Support - 16 channels 4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for timecode output 2 channels professional balanced analog audio via XLR connectors, or 2 channel unbalanced analog line level via RCA connectors. Right XLR can be configured for timecode output S/PDIF Signal with TOSLINK Connector Automatic switching between SD/HD/2K and 4K Updates and Configuration - USB or Ethernet Re-Clocking</p>	<p>Embedded Audio Support - 16 channels 4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for timecode output 2 channels professional balanced analog audio via XLR connectors, or 2 channel unbalanced analog line level via RCA connectors. Right XLR can be configured for timecode output S/PDIF Signal with TOSLINK Connector Automatic switching between SD/HD/2K and 4K Updates and Configuration - USB or Ethernet Re-Clocking</p>	
32223000-2	3.4 Converter (set)	Teranex audio to mini SDI 12G	Australia	Blackmagic	<p>Converter embedder (2 pcs), including rack shelf (1 pcs). Connections: 1 x 12G-SDI SD/HD/2K/4K auto switching 1 x 12G-SDI output 2 channels professional balanced analog audio via XLR connectors, or 2 channel unbalanced analog line level via RCA connectors. Right XLR can be configured for timecode input 4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for timecode input S/PDIF Signal with TOSLINK Connector Automatic switching between SD/HD/2K and 4K Automatic switching between SD/HD/2K and 4K Updates and Configuration - USB or Ethernet Re-Clocking</p>	<p>Converter embedder (2 pcs), including rack shelf (1 pcs). Connections: 1 x 12G-SDI SD/HD/2K/4K auto switching 1 x 12G-SDI output 2 channels professional balanced analog audio via XLR connectors, or 2 channel unbalanced analog line level via RCA connectors. Right XLR can be configured for timecode input 4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for timecode input S/PDIF Signal with TOSLINK Connector Automatic switching between SD/HD/2K and 4K Automatic switching between SD/HD/2K and 4K Updates and Configuration - USB or Ethernet Re-Clocking</p>	
32330000-5	3.5 Sistem microfon lavalier	SLXD4D-S50	USA	Shure	<p>Dual Wireless System with two Bodypack Transmitters and two microfons (Set) Frequency range: S50 Receiver (echivalent cu SLXD4D) Form Factor - Tabletop / Rackmount Mounting Options - Rackmount (with Included Hardware)</p>	<p>Dual Wireless System with two Bodypack Transmitters and two microfons (Set) Frequency range: S50 Receiver (echivalent cu SLXD4D) Form Factor - Tabletop / Rackmount Mounting Options - Rackmount (with Included Hardware)</p>	

				<p> 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 +/- 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 (echivalent cu SLXD1) 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 (Echivalent cu WL183) Form Factor - Lavalier Sound Field - Mono Capsule - Electret Condenser Polar Pattern - Omnidirectional </p>	<p> 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 +/- 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 (echivalent cu SLXD1) 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 (Echivalent cu WL183) Form Factor - Lavalier Sound Field - Mono Capsule - Electret Condenser Polar Pattern - Omnidirectional Pad - None </p>	
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					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)	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)	
32330000-5	3.6 Pro Wireless In-Ear Monitor Kit (Set)	PSM 300	USA	Shure	Pro Wireless In-Ear Monitor Kit includes a wireless transmitter, two wireless bodypack receivers, 4 battery pack and two chargers. Include a 1/4 wave antenna, a BNC bulkhead adapter and cable, a power supply,, six pairs of flex sleeves (S, M, L), two drawstring pouches, and two zipper bags for the receivers. 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	Pro Wireless In-Ear Monitor Kit includes a wireless transmitter, two wireless bodypack receivers, 4 battery pack and two chargers. Include a 1/4 wave antenna, a BNC bulkhead adapter and cable, a power supply,, six pairs of flex sleeves (S, M, L), two drawstring pouches, and two zipper bags for the receivers. 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)	

					<p>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 (2pcs) 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 (2 Pcs) echivalent 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 PS45 power supply for up to 4 units Battery pack (4 Pcs): Li-Ion Akku (3,7V/1320mAh) Echivalent cu SB900B</p>	<p>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 (2pcs) 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 (2 Pcs) echivalent 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 PS45 power supply for up to 4 units Battery pack (4 Pcs): Li-Ion Akku (3,7V/1320mAh) Echivalent cu SB900B</p>	
32330000-5	3.7 Commentator Unit	CM-CU21	United Kingdom	Sonifex	<p>Commentator Unit 2 Commentators & 1 Guest (Equivalent CM-CU21) Features 2 Commentator positions plus a guest position, each with individual outputs; plus 2 mix outputs. Talkback outputs selectable by the two main commentators, with built in limiter. 4 Return audio circuits that are routed to headphones along with all the commentator inputs. Any source can be individually level controlled and sent to left, right or both ears. A wide input gain range and switchable phantom power on each commentary position allows support of a variety of microphone types including low output ribbon, headsets</p>	<p>Commentator Unit 2 Commentators & 1 Guest (Equivalent CM-CU21) Features 2 Commentator positions plus a guest position, each with individual outputs; plus 2 mix outputs. Talkback outputs selectable by the two main commentators, with built in limiter. 4 Return audio circuits that are routed to headphones along with all the commentator inputs. Any source can be individually level controlled and sent to left, right or both ears. A wide input gain range and switchable phantom power on each commentary position allows support of a variety of microphone types including low output ribbon, headsets</p>	

				<p>and high output phantom powered microphones. Individually switched 48V phantom power on all microphone inputs. User preset adjustable limiter on main mix outputs with limit activity indication. Built in line-up tone for initial cabling checks. 21 Segment LED PPM meter showing main output level. Technical Specification Main Panel Operational Controls & Indicators On-Air 1-3 Buttons: Illuminated buttons with latching action Talkback A & B Buttons: Illuminated buttons with selectable momentary and/or latching action Headphone Monitor Controls: Input source level adjustment potentiometers Headphone channel selection switches Line Input Level: Guest position line input mode level potentiometer PPM Meter: 21 segment display showing mix output level, brightness level Is selectable Limit LED indicates mix output limiter is active, colour & brightness level is selectable Power LED indicates operating mode; normal or setup Front Panel Operational Controls Phantom: Switch to enable 48V microphone phantom power for positions 1 & 2 Phantom/Line: Switch to enable 48V microphone phantom power or select line input mode for position 3 Mic Gain: Microphone gain potentiometer and range select switch selects +20--+56dB or +50--+86dB Rear Panel Operational Controls On Air Lock: Switch to prevent On Air controls from being deactivated Momentary push-button to override on air lock T/B Gang: Switch to link operation of talkbacks A & B T/B Gain: 0dB - +12dB</p>	<p>and high output phantom powered microphones. Individually switched 48V phantom power on all microphone inputs. User preset adjustable limiter on main mix outputs with limit activity indication. Built in line-up tone for initial cabling checks. 21 Segment LED PPM meter showing main output level. Technical Specification Main Panel Operational Controls & Indicators On-Air 1-3 Buttons: Illuminated buttons with latching action Talkback A & B Buttons: Illuminated buttons with selectable momentary and/or latching action Headphone Monitor Controls: Input source level adjustment potentiometers Headphone channel selection switches Line Input Level: Guest position line input mode level potentiometer PPM Meter: 21 segment display showing mix output level, brightness level Is selectable Limit LED indicates mix output limiter is active, colour & brightness level is selectable Power LED indicates operating mode; normal or setup Front Panel Operational Controls Phantom: Switch to enable 48V microphone phantom power for positions 1 & 2 Phantom/Line: Switch to enable 48V microphone phantom power or select line input mode for position 3 Mic Gain: Microphone gain potentiometer and range select switch selects +20--+56dB or +50--+86dB Rear Panel Operational Controls On Air Lock: Switch to prevent On Air controls from being deactivated Momentary push-button to override on air lock T/B Gang: Switch to link operation of talkbacks A & B T/B Gain: 0dB - +12dB Limiter: Switch to enable limiter on mix outputs Limit level adjustment potentiometer</p>	
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					<p>Limiter: Switch to enable limiter on mix outputs Limit level adjustment potentiometer</p> <p>Test Tone: Switch to enable 1 kHz line-up tone</p> <p>Front Panel Connections</p> <p>Headphone Outputs: 2 x locking headphone jack socket for positions 1 & 2; 1 x headphone jack socket for position 3</p> <p>Microphone Inputs: 2 x XLR-3 pin latching female for positions 1 & 2</p> <p>Microphone/Line Input: 1 x XLR-3 pin latching female for position 3</p> <p>Rear Panel Connections</p> <p>Prog, A, B & C Inputs: 4 x XLR-3 pin female (transformer balanced)</p> <p>Comm1-3 Outputs: 3 x XLR-3 pin male (electronic balanced)</p> <p>Talkback A & B Outputs: 2 x XLR-3 pin male (transformer balanced)</p> <p>Mix 1 & 2 Outputs: 2 x XLR-3 pin male (transformer balanced)</p> <p>GPIO Port: 15-way 'D'-type socket</p> <p>Mains Input: Universal filtered IEC, continuously rated 85-264VAC, 47-63Hz, 10W</p> <p>Fuse Rating: Anti-surge fuse 1A 20 x 5mm</p> <p>DC Input: XLR-4 pin male 12V DC, 650mA Typical, 850mA Maximum 24V DC, 325mA Typical, 425mA Maximum</p> <p>Earth Point: M4 stud</p>	<p>Test Tone: Switch to enable 1 kHz line-up tone</p> <p>Front Panel Connections</p> <p>Headphone Outputs: 2 x locking headphone jack socket for positions 1 & 2; 1 x headphone jack socket for position 3</p> <p>Microphone Inputs: 2 x XLR-3 pin latching female for positions 1 & 2</p> <p>Microphone/Line Input: 1 x XLR-3 pin latching female for position 3</p> <p>Rear Panel Connections</p> <p>Prog, A, B & C Inputs: 4 x XLR-3 pin female (transformer balanced)</p> <p>Comm1-3 Outputs: 3 x XLR-3 pin male (electronic balanced)</p> <p>Talkback A & B Outputs: 2 x XLR-3 pin male (transformer balanced)</p> <p>Mix 1 & 2 Outputs: 2 x XLR-3 pin male (transformer balanced)</p> <p>GPIO Port: 15-way 'D'-type socket</p> <p>Mains Input: Universal filtered IEC, continuously rated 85-264VAC, 47-63Hz, 10W</p> <p>Fuse Rating: Anti-surge fuse 1A 20 x 5mm</p> <p>DC Input: XLR-4 pin male 12V DC, 650mA Typical, 850mA Maximum 24V DC, 325mA Typical, 425mA Maximum</p> <p>Earth Point: M4 stud</p>	
32330000-5	3.8 Source Selector, Switcher	RB-SS10	United Kingdom	Sonifex	<p>10 Way Stereo Analogue Source Selector/Mixer (Equivalent RB-SS10)</p> <p>10 way stereo analogue source selector/mixer is a 1U rack-mount unit that produces a stereo analogue audio output from 10 selectable stereo analogue sources. There are 10 illuminated front panel push-buttons, which select and indicate the current channel selection. The selection and indication is also available through a remote connector on the rear panel. To stop accidental front panel selection there is a remote input to inhibit the front panel buttons.</p> <p>Connections</p>	<p>10 Way Stereo Analogue Source Selector/Mixer (Equivalent RB-SS10)</p> <p>10 way stereo analogue source selector/mixer is a 1U rack-mount unit that produces a stereo analogue audio output from 10 selectable stereo analogue sources. There are 10 illuminated front panel push-buttons, which select and indicate the current channel selection. The selection and indication is also available through a remote connector on the rear panel. To stop accidental front panel selection there is a remote input to inhibit the front panel buttons.</p> <p>Connections</p> <p>Inputs: 4 x XLR 3 pin female (2 x stereo) (balanced, can be unbalanced)</p>	

					<p>Inputs: 4 x XLR 3 pin female (2 x stereo) (balanced, can be unbalanced) 2 x 25 way D-type socket (female) (4 stereo balanced channels on each) Outputs: 2 x XLR 3 pin male (stereo balanced, can be unbalanced) Remote Start I/O: 25 way D-type plug (male) Remote Select/Switch Inputs: 25 way D-type socket (female) Status Outputs: 25 way D-type socket (female) Mains Input: Filtered IEC, 110V-120V, or 220-240V switchable, fused, 6W maximum Fuse Rating: Anti-surge fuse 160mA 20 x 5mm (230VAC), Anti-surge fuse 315mA 20 x 5mm (115VAC)</p>	<p>2 x 25 way D-type socket (female) (4 stereo balanced channels on each) Outputs: 2 x XLR 3 pin male (stereo balanced, can be unbalanced) Remote Start I/O: 25 way D-type plug (male) Remote Select/Switch Inputs: 25 way D-type socket (female) Status Outputs: 25 way D-type socket (female) Mains Input: Filtered IEC, 110V-120V, or 220-240V switchable, fused, 6W maximum Fuse Rating: Anti-surge fuse 160mA 20 x 5mm (230VAC), Anti-surge fuse 315mA 20 x 5mm (115VAC)</p>	
32330000-5	3.9 Headphones	HD 400S	Germania	Sennheiser	<p>Headphones, Frequency response (Headphones) 18–20,000 Hz (-10 dB); Sound pressure level (SPL) 120dB (1kHz/1Vrms); THD, total harmonic distortion <0.5% (1kHz/100dB); Ear coupling Over-Ear; Jack plug 3.5mm angled; Cable length 1.4m;</p>	<p>Headphones, Frequency response (Headphones) 18–20,000 Hz (-10 dB); Sound pressure level (SPL) 120dB (1kHz/1Vrms); THD, total harmonic distortion <0.5% (1kHz/100dB); Ear coupling Over-Ear; Jack plug 3.5mm angled; Cable length 1.4m;</p>	
32330000-5	3.10 Broadcast Headset	BRH440M	USA	Shure	<p>Dual-sided broadcast headset Features Closed-back, circumaural design provides excellent isolation from background noise Dynamic microphone delivers natural, highly intelligible vocal reproduction with cardioid polar pattern and frequency response optimized for communication in loud environments Ergonomic, lightweight design with adjustable, padded headband for long wearing comfort Flexible boom microphone pivots 270 degrees for left or right side wear Flip-up mute function deactivates the boom microphone when raised vertically away from the mouth Single-side, detachable cable (sold separately) enables connection to a variety of devices</p>	<p>Dual-sided broadcast headset Features Closed-back, circumaural design provides excellent isolation from background noise Dynamic microphone delivers natural, highly intelligible vocal reproduction with cardioid polar pattern and frequency response optimized for communication in loud environments Ergonomic, lightweight design with adjustable, padded headband for long wearing comfort Flexible boom microphone pivots 270 degrees for left or right side wear Flip-up mute function deactivates the boom microphone when raised vertically away from the mouth Single-side, detachable cable (sold separately) enables connection to a variety of devices User-replaceable cable, ear pads and windscreen provided for a long product life</p>	

					<p>User-replaceable cable, ear pads and windscreen provided for a long product life</p> <p>Microphone Type Dynamic (moving coil) Polar Pattern Cardioid Frequency Response 50 to 15,000 Hz Output Impedance 200 Ohms Sensitivity (@1 kHz, open circuit voltage) - 67.0 dBV/Pa (0.45 minimum) 1Pa-94 dB SPL Polarity Positive pressure on diaphragm produces positive voltage on pin 1 (red wire) with respect to pin 3 (shield)</p> <p>Headphone Transducer Type Dynamic, Neodymium magnet Driver Size 40 mm Frequency Range 15 to 27,000 Hz Sensitivity (@ 1 kHz) 101 dB/mW Impedance (@ 1 kHz) 300 Ohms Maximum Input Power 1000 mW Include cable XLR and 6.3 mm jack (BCASCA-XLR3QI) Include Replacement Single-Sided Detachable Cable (BCASCA1)</p>	<p>Microphone Type Dynamic (moving coil) Polar Pattern Cardioid Frequency Response 50 to 15,000 Hz Output Impedance 200 Ohms Sensitivity (@1 kHz, open circuit voltage) - 67.0 dBV/Pa (0.45 minimum) 1Pa-94 dB SPL Polarity Positive pressure on diaphragm produces positive voltage on pin 1 (red wire) with respect to pin 3 (shield)</p> <p>Headphone Transducer Type Dynamic, Neodymium magnet Driver Size 40 mm Frequency Range 15 to 27,000 Hz Sensitivity (@ 1 kHz) 101 dB/mW Impedance (@ 1 kHz) 300 Ohms Maximum Input Power 1000 mW Include cable XLR and 6.3 mm jack (BCASCA-XLR3QI) Include Replacement Single-Sided Detachable Cable (BCASCA1)</p>	
	3.11 Instalare				<p>Materiale și elemente pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora; Lucrările de montare, precum și operațiunile de instalare, ajustare; Sistemul va fi predat la cheie; Garanția hardware 2 ani</p>	<p>Materiale și elemente pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora; Lucrările de montare, precum și operațiunile de instalare, ajustare; Sistemul va fi predat la cheie; Garanția hardware 2 ani</p>	

	Lot nr.4 Sistem prompter						
32224000-9	4.1 Sistem prompter	WinPlus-IP	United Kingdom	Autoscript	<p>Software: (1 pcs) Software offers compatibility with all leading NRCS including: Avid iNews, Dalet. MOS Protocol devices supported include: Annova Open Media, AP ENPS, News Works, Octopus, Dayang, Sobey, NIS4, Inception & Eidos Media. Software enables instant script updates from Newsroom systems. The connectivity status of each Newsroom is</p>	<p>Software: (1 pcs) Software offers compatibility with all leading NRCS including: Avid iNews, Dalet. MOS Protocol devices supported include: Annova Open Media, AP ENPS, News Works, Octopus, Dayang, Sobey, NIS4, Inception & Eidos Media. Software enables instant script updates from Newsroom systems. The connectivity status of each Newsroom is viewable at a glance and can be given a user</p>	

				<p>viewable at a glance and can be given a user defined name for easy reference. Busy productions will benefit from having multiple rundowns loaded for multi-programme operation. With multi-language compatibility,</p> <p>Includes: Closed caption options enable script to be outputted for captions/subtitles Multiple rundowns loaded for multi-programme operation Instant script updates from NRCS for seamless newsroom workflow Newsroom connectivity status displayed for easy monitoring User definable friendly name & newsroom connection type ensures simple setup Prompter Device: (1 Pcs) An extremely compact scroll engine. As an Intelligent Prompting device it networks via Ethernet to prompting software application, where users are able to monitor status, manage group updates and remote upgrades. Dual HD-SDI outputs support the distribution of the teleprompter video to traditional prompt monitors. In addition a Power over Ethernet output can be used to power an Intelligent Prompting scroll control – ideal for single controller setups. In a tough, portable casing with LED status indicator, the XBox-IP offers a modern solution for solo operators and users looking to retain HD/HDSDI monitors.</p> <p>Features: Compact, portable unit Dual HD-SDI output distributes script video to traditional prompt monitors Dual USB ports PoE output for scroll control avoids the need for 3rd party equipment in singlecontroller setups Network and status indicator Desktop Hand Control: (2 Pcs.) Wrist support and neutral hand position ensures comfortable, safe operation Central button positioning supports left and right-handed operation</p>	<p>defined name for easy reference. Busy productions will benefit from having multiple rundowns loaded for multi-programme operation. With multi-language compatibility,</p> <p>Includes: Closed caption options enable script to be outputted for captions/subtitles Multiple rundowns loaded for multi-programme operation Instant script updates from NRCS for seamless newsroom workflow Newsroom connectivity status displayed for easy monitoring User definable friendly name & newsroom connection type ensures simple setup Prompter Device: (1 Pcs) An extremely compact scroll engine. As an Intelligent Prompting device it networks via Ethernet to prompting software application, where users are able to monitor status, manage group updates and remote upgrades. Dual HD-SDI outputs support the distribution of the teleprompter video to traditional prompt monitors. In addition a Power over Ethernet output can be used to power an Intelligent Prompting scroll control – ideal for single controller setups. In a tough, portable casing with LED status indicator, the XBox-IP offers a modern solution for solo operators and users looking to retain HD/HDSDI monitors.</p> <p>Features: Compact, portable unit Dual HD-SDI output distributes script video to traditional prompt monitors Dual USB ports PoE output for scroll control avoids the need for 3rd party equipment in singlecontroller setups Network and status indicator Desktop Hand Control: (2 Pcs.) Wrist support and neutral hand position ensures comfortable, safe operation Central button positioning supports left and right-handed operation Two illuminated function buttons programmable in software to suit the operator's desired configuration</p>	
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					Two illuminated function buttons programmable in software to suit the operator's desired configuration Powered over Ethernet to simplify integration and reduce cabling Foot Scroll Control: (3 Pcs.) Adjustable sensitivity and range to suit unique user profiles Programmable function button allows operator to select their desired configuration Powered over Ethernet to simplify integration and reduce cabling Remote configuration in software Wireless Controller and Base Station Package (1 pcs) Intelligent Prompting wireless controller and base station package Allows total freedom for the presenter to move around a studio and control the speed of the prompted text Include 8-port POE+ Switch (Power Budget min 100W) (1 pcs)	Powered over Ethernet to simplify integration and reduce cabling Foot Scroll Control: (3 Pcs.) Adjustable sensitivity and range to suit unique user profiles Programmable function button allows operator to select their desired configuration Powered over Ethernet to simplify integration and reduce cabling Remote configuration in software Wireless Controller and Base Station Package (1 pcs) Intelligent Prompting wireless controller and base station package Allows total freedom for the presenter to move around a studio and control the speed of the prompted text Include 8-port POE+ Switch (Power Budget min 100W) (1 pcs)	
	4.2 Instalare				Instalarea și punerea în funcțiune a sistemului de Payout ; Materiale și elemente pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora; Lucrările de montare, precum și operațiunile de instalare, ajustare; Sistemul va fi predat la cheie; Garanția hardware 2 ani	Instalarea și punerea în funcțiune a sistemului de Payout ; Materiale și elemente pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora; Lucrările de montare, precum și operațiunile de instalare, ajustare; Sistemul va fi predat la cheie; Garanția hardware 2 ani	

	Lot nr.5 Obiectiv						
38651100-4	5.1 Obiectiv	SEL2470GM	Japan	SONY	<i>Specs</i> 24-70mm F/2.8 GM Focal Length 24 to 70mm Maximum Aperture f/2.8 Minimum Aperture f/22 Format Compatibility Full-Frame Angle of View 84° to 34° Minimum Focus Distance 1.25' / 38 cm Maximum Magnification 0.24x Optical Design 18 Elements in 13 Groups Diaphragm Blades 9, Rounded	<i>Specs</i> 24-70mm F/2.8 GM Focal Length 24 to 70mm Maximum Aperture f/2.8 Minimum Aperture f/22 Format Compatibility Full-Frame Angle of View 84° to 34° Minimum Focus Distance 1.25' / 38 cm Maximum Magnification 0.24x Optical Design 18 Elements in 13 Groups Diaphragm Blades 9, Rounded	

					Focus Type Autofocus Image Stabilization None Filter Size 82 mm (Front) Dimensions (ø x L) 87.6 x 136 mm Weight 886 g Specs UV FILTER Type UV Circular Polarizer Size 82 mm UV: 3.4 mm-thick Circular polarizer: 6.2 mm-thick Filter Factor UV: 1 (0 stop) Circular polarizer: About 2.5 (1.3 stops) Multi-Coated Yes; 12-layer multi-coating Rotating UV: No Circular polarizer: Yes Effect UV: Absorbs UV light and reduces bluish cast from daylight Circular polarizer: Reduce/eliminate reflections and haze and improve color and tonal saturation Construction Schott glass Anodized aluminum filter ring with top knurling Front Filter Thread Size 82 mm Front Lens Cap Size 82 mm	Focus Type Autofocus Image Stabilization None Filter Size 82 mm (Front) Dimensions (ø x L) 87.6 x 136 mm Weight 886 g Specs UV FILTER Type UV Circular Polarizer Size 82 mm UV: 3.4 mm-thick Circular polarizer: 6.2 mm-thick Filter Factor UV: 1 (0 stop) Circular polarizer: About 2.5 (1.3 stops) Multi-Coated Yes; 12-layer multi-coating Rotating UV: No Circular polarizer: Yes Effect UV: Absorbs UV light and reduces bluish cast from daylight Circular polarizer: Reduce/eliminate reflections and haze and improve color and tonal saturation Construction Schott glass Anodized aluminum filter ring with top knurling Front Filter Thread Size 82 mm Front Lens Cap Size 82 mm	

Semnat:_____ Numele, Prenumele Victor BACIU În calitate de: Administrator

Ofertantul: SC „Rapid Link” SRL Adresa: Chisinau, MD-2028, str. Gh. Asachi 71/7