

Section 1: Codecs

Zephyr iPort



Zephyr iPort

[Zephyr iPort](#)

P/N 2001-00237

Zephyr iPort enables broadcasters to transport multiple channels of stereo audio across any network with guaranteed QoS, such as T1 and T3 connections, MPLS networks, et cetera. Contains six stereo MPEG-AAC codecs in one box. Connects to your Axia Network using a single CAT-6 cable for all I/O — or pair with an Axia AES or Analog Audio Node for use as a standalone multiple-stream codec. Requires one unused Gigabit Ethernet port for connection to an Axia network.

Projected to begin shipping in late 2007.

Zephyr IP



Zephyr/IP

[Zephyr/IP](#)

P/N 2001-00238

Zephyr/IP offers high quality, reliable audio-over-internet for remote broadcasts. Featuring 24bit AD/DA, AES/EBU, Livewire IP, and USB audio, the Z/IP will transmit from 16kBit to 256kBit compressed audio via UDP/RTP and TCP/IP. Network edge traversal (NAT) and directory assistance provided by Z/IP Server technology. Wireless connectivity through Ethernet, PCMCIA and USB.

Projected to begin shipping in late 2007.

Zephyr Xstream Digital Audio Network Transceivers



Zephyr Xstream

[ZEPHYR XSTREAM – Rack-Mount Studio Version](#)

2001-00075 with ISDN, X.21/V.35 interface, and Ethernet

2001-00076 with ISDN and Ethernet

2001-00077 with Ethernet and X.21/V.35 interface

2001-00074 with Ethernet only

World's leading ISDN codec, compatible with the widest variety of third party codecs. Includes MPEG-AAC and AAC-LD, Layer 2, Layer 3, G.722 coding, AES/EBU, Livewire IP, ISDN TA with integral NT1 supports worldwide compatibility without changing software. Features full duplex stereo operation of up to 20 kHz audio on a single ISDN line; broadcast quality mono audio at 15 kHz or 20 kHz is possible on a single ISDN "B" channel or other 56/64 kbps channel. Remote Control over RS-232 or Ethernet. Single headphone output. Rack-mount 2RU.

Section 1: **Codecs (continued)**

Zephyr Xstream Digital Audio Network Transceivers, Continued



Zephyr Xstream MXP

[ZEPHYR XSTREAM MXP – Portable Mixer Version](#)

2001-00079 with ISDN, X.21/V.35 interface, and Ethernet

2001-00080 with ISDN and Ethernet

2001-00081 with Ethernet and X.21/V.35 interface

2001-00078 with Ethernet only

World's leading ISDN codec, compatible with the widest variety of third party codecs. Housed in a rugged shock resistant case helps stand up to the rigors of the road. Comes equipped with a flip up stand for best viewing angle. Includes MPEG4-AAC and AAC-LD, Layer 2, Layer 3, G.722 coding, Livewire IP. Balanced inputs/outputs, ISDN TA with integral NT1 supports worldwide compatibility without changing software. Features full duplex stereo operation of up to 20 kHz audio on a single ISDN line; broadcast quality mono audio at 15 kHz or 20 kHz is possible on a single ISDN "B" channel or other 56/64 kbps channel. Remote Control over RS-232 or Ethernet. Four-channel stereo mixer includes selectable digital processing by Omnia.



Zephyr Xstream MX

[ZEPHYR XSTREAM MX – Rack-Mount Mixer Version](#)

2001-00083 with ISDN, X.21/V.35 interface, and Ethernet

2001-00084 with ISDN and Ethernet

2001-00085 Ethernet and X.21/V.35 interface

2001-00082 with Ethernet only

World's leading ISDN codec, compatible with the widest variety of third party codecs. Includes MPEG4-AAC and AAC-LD, Layer 2, Layer 3, G.722 coding, Livewire IP. Balanced inputs/outputs, ISDN TA with integral NT1 supports worldwide compatibility without changing software. Features full duplex stereo operation of up to 20 kHz audio on a single ISDN line; broadcast quality mono audio at 15 kHz or 20 kHz is possible on a single ISDN "B" channel or other 56/64 kbps channel. Remote Control over RS-232 or Ethernet. Four-channel stereo mixer includes selectable digital processing by Omnia. Rack-mount 2RU.

Telos Zephyr Xport Digital Audio Transceiver



Zephyr Xport

[XPORT](#)

P/N 2001-00010 POTS ONLY

P/N 2001-00122 POTS + ISDN

Portable unit allows use of an ordinary analog telephone line in the field to connect with the Zephyr Xstream ISDN codec at the studio. Xport features the highest fidelity low-bitrate coding available, AAC plus (MPEG AAC + Spectral Band Replication enhancement). Features include: Mixer with mic and line inputs, internal power supply and selectable DSP processing by Omnia. Can be upgraded to POTS & ISDN using optional ISDN interface, supporting AAC-LD and G.722; see below. Shipping weight 7.5 lbs, 3.4 kg.

2001-00122 includes ISDN Interface with Internal NT-1. Includes RJ-45 "S" for use worldwide and RJ-11 "U" connectors for use in the USA and Canada.

[Internal ISDN/TA Card for Xport](#)

P/N 1701-00056 ISDN With Internal NT1.

Includes both "S" and "U" connectors. Optional ISDN card upgrades Xport for use with both ISDN & POTS for maximum flexibility.

[Auxiliary Interface Cable](#)

P/N 2091-00034

Cellular handset audio cable. ¼" TRS to 2.5mm TRS. Connects Xport to standard 2.5mm headset/mic jack.

Section 1: Codecs (continued)

Telos Zephyr Family Accessories	
	<p><u>V.35/X.21 Network Data Interface Card for Zephyr Xstream</u> P/N 1701-00006</p> <p>For Zephyr Xstream. Requires 2091-00023 or 2091-00024 Data Cable (see below). Supports data rates up to 384 kbps.</p>
	<p><u>Internal ISDN Terminal Adaptor Card for Zephyr Xstream</u> P/N 1701-00153</p> <p>For Zephyr Xstream. Converts any Zephyr Xstream not previously equipped with ISDN interface. Includes both "S" and "U" interface.</p>
	<p><u>V.35 Data cable</u> P/N 2091-00023</p> <p>V.35 dual channel for Zephyr and Zephyr Xstream. 18 inches, 45.7cm, with all connectors attached.</p>
	<p><u>X.21 Data cable</u> P/N 2091-00024</p> <p>X.21 dual channel Zephyr and Zephyr Xstream. 18 inches, 45.7cm, with all connectors attached.</p>
	<p><u>Replacement Outboard Power Supply for Zephyr Express</u> P/N 2091-00006</p> <p>Switching supply; 110v/220v.</p>
	<p><u>Upgrade kit for 91XX series Zephyr</u> P/N 2011-00011</p> <p>Converts mono Zephyr to stereo Zephyr. Factory or field installation possible.</p>
	<p><u>V.35/X.21 Network Data Interface Card for 91XX & 92XX Zephyrs</u> P/N 1701-00081</p> <p>For 91XX and 92XX series Zephyrs. Requires 2091-00023 or 2091-00024 Data Cable (see above).</p>
	<p><u>Internal ISDN Terminal Adapter for Zephyr and Zephyr Express</u> P/N 1701-00082</p> <p>For Zephyr and Zephyr Express</p> <p>Converts 9X01 to 9X00 Zephyr. Includes both "S" and "U" interfaces.</p>

Section 1: **Codecs (continued)**

Telos Zephyr Family Accessories (continued)	
	<p><u>Double Duty Travel Case</u> P/N 2091-00025</p> <p>Suitable for Zephyr Xstream and gear or two Zephyr Express Codecs. The Pelican #1650 Case is watertight, airtight, dustproof, and crushproof. Equipped with foam for total equipment protection. Features include fold down main handle, 7" extension handle, large side trunk handles, seven large latches, 2" hard rubber transport wheels, and atmospheric pressure purge valve. Black.</p> <p>Inside Dimensions: 29"L x 17 7/8"W x 10 1/2"D Outside Dimension: 32 1/2"L x 20 1/2"W x 11 5/16"D</p>
	<p><u>Heavy Duty Travel Case</u> P/N 2091-00026</p> <p>Suitable for Zephyr Xstream or Zephyr Express. The Pelican #1600 Case is watertight, airtight, dustproof, and crushproof. Equipped with foam for total equipment protection. Features include atmospheric pressure purge valve. Available in black.</p> <p>Inside Dimension: 21 3/4" L x 16 13/16" W x 7 7/8" D Outside Dimension: 24 1/4" L x 19 7/16" W x 8 11/16" D</p>
	<p><u>Soft padded Carrying Case</u> P/N 2091-00033</p> <p>Suitable for Zephyr Xstream. Nylon zipper closure. Roomy main compartment for Zephyr Xstream. Inner- zippered compartment for cables, microphones and accessories. Color: black Dimensions 20.5" wide x 7" deep x 20" high (52.7 cm x 17.78 cm x 50.8 cm). Shipping weight 5 pounds, 12.7 kg.</p>
	<p><u>Soft Padded Carrying Xport Case</u> P/N 2091-00032</p> <p>Suitable for Zephyr Xport. Nylon zipper closure. Includes shoulder strap and thick padding and embroidered Telos logo. Color: black. Dimensions: 13.5"W x 13.5"L x 5"D (34.29 cm x 34.29 cm x 12.7 cm) Shipping weight 2.5 pounds, 1.13 kg</p>

Section 2: Hybrid Talk Show Systems

NX12 Digital Talk Show Systems



NX12

[NX12 Talk Show System](#)

P/N 2001-00209

6* ISDN (4-wire) + Livewire and Analog I/O. Worldwide use outside of North America.

P/N 2001-00210

6* ISDN U (2B1Q 2-wire) + Livewire and Analog I/O. For use in Canada and USA.

P/N 2001-00212

6* ISDN S (4-wire)+ Livewire and AES I/O. Worldwide use outside of North America.

P/N 2001-00213

6* ISDN U (2B1Q 2-wire)+ Livewire and AES I/O. For use in Canada and USA.

P/N 2001-00208

12 lines POTS + Livewire and Analog I/O.

P/N 2001-00211

12 lines POTS+ Livewire and AES I/O.

P/N 2001-00214

6 lines POTS + 3* ISDN S (4-wire) + Livewire and Analog I/O. Worldwide use outside of North America.

P/N 2001-00215

6 lines POTS+ 3* ISDN U (2B1Q 2-wire) + Livewire and Analog I/O. For use in Canada and USA.

P/N 2001-00216

6 POTS+ 3* ISDN S (4-wire) + Livewire and AES I/O. Worldwide use outside of North America.




P/N 2001-00217


6 POTS+ 3* ISDN U (2B1Q 2-wire)+ Livewire and AES I/O. For use in Canada and USA.

Equipped with 12 lines and four advanced hybrids that can be used in a single studio, or split across two studios, each with its own Program on Hold. Supports Livewire IP-Audio over Ethernet. Can be ordered with AES/EBU or Analog Input/Output. When analog outputs are used, the callers are mixed down to two feeds, while still making use of all hybrids. Each hybrid has an improved AGC and noise gate by Omnia, plus new long-tail-echo cancellation for VoIP and Cellular callers. Support for ISDN (S or U) and/or International POTS (see above).





* Each ISDN line has two B channels for 2 "dial tones."

Section 2: Hybrid Talk Show Systems (continued)


NX12 Digital Talk Show Systems Control Interfaces	
 <p><i>Desktop Director</i></p>	<p><u>Desktop Director</u> P/N 2001-00071</p> <p>NX12, TWOx12, or 2101 Desktop Director—Used for line selection of NX12, TWOx12 or 2101 systems conferencing, screening calls, dialing and other talk show functions. Comes with handset and separate connection for optional 3rd-party call screener's headset. NX12 supports two Desktop Directors standard, expandable to eight. Shipping weight 18 lbs/8.1 kg</p>
 <p><i>Extended Desktop Director</i></p>	<p><u>Extended Desktop Director</u> P/N 2001-00072</p> <p>Extended capacity Director provides line status for and permits control of up to 12 incoming calls assignable to four hybrids. Includes built-in acoustically isolated speakerphone, handset and headset port.</p>
 <p><i>Call Controller</i></p>	<p><u>Call Controller</u> P/N 2001-00143</p> <p>Call Controller—Used for line selection of the NX12. This cost effective and compact control option provides call screening and line status for control of up to 12 lines and 2 hybrids. Connect the call Controller to an ordinary POTS telephone of your choice for screener or studio telephone operation. Shipping weight 5 lbs/2.26 kg</p>

NX12 Digital Talk Show Systems Accessories	
 <p><i>Assistant Producer for NX12</i></p>	<p><u>Assistant Producer v3.5 For NX12</u> P/N 3001-00001 Assistant Producer v3.5 For NX12, 2X12, & 2101</p> <p>Call screening software. CD-ROM includes Assistant Producer for use with <i>TWO x 12 Talkshow Systems</i>. Operates with Microsoft Windows™. Provides instant communication between producers and hosts with detailed on-screen line and caller status, allows remote screening/supervision of talk shows via LAN or WAN.</p> <p><i>Telos cannot provide refunds for non-defective software. Defective software can be returned for replacement only.</i></p>
	<p><u>Desktop Director Power Supply</u> P/N 2091-00001</p> <p>For 2001-00071 Desktop Director, 2001-00072 Desktop Director Extended, 2001-00143 Call Controller. Power supply(s) is required when using more than two Desktop Directors and/or Call Controllers. This power supply is also required when a Desktop Director cable is in excess of 250 feet (63.5m). Includes all cabling needed to connect power supply with NX12, TWOx12 or 2101 I/O. Shipping wt. 8 lbs/3.6 kg.</p>



Section 2: Hybrid Talk Show Systems (continued)


TWO X 12 Digital Talk Show Systems	
 <p><i>TWO x 12 ISDN</i></p>	<p><u>TWO x 12 ISDN</u> P/N 2001-00067 Worldwide use outside of North America P/N 2001-00066 For use in Canada and USA</p> <p>Contains integrated Telos TWO Digital Hybrids. Manages up to twelve callers; features high-quality conferencing capability for up to four callers. A mixture of POTS and ISDN lines can be accommodated via 1701-00033 Telco POTS Card (not included, order separately). AES/EBU, analog I/O.</p> <p>2001-00067 includes 3 Dual S cards. Accepts direct input from up to six* ISDN BRI lines via three Dual S cards p/n 1701-00022</p> <p>2001-00066 includes 3 Dual U cards. Accepts direct input from up to six* ISDN BRI lines via three Dual U cards p/n 1701-00040</p> <p>*Six ISDN lines + twelve B channels = for 12 dial tones</p> <p>Supports up to two 2001-00071 Desktop Directors (not included, order separately), expandable to four or eight using Desktop Director Power Supply (2091-00001) and second (1701-00022) ISDN card. 2 RU. Shipping weight 14 lbs./6.4 kg. At least one Desktop Director is required for operation.</p>
 <p><i>TWO x 12 POTS</i></p>	<p><u>TWO x 12 POTS</u> P/N 2001-00068</p> <p>Same features as ISDN version above, for use with POTS lines where ISDN is not available. Accepts direct input from up to twelve POTS lines via four 1701-00033 POTS cards (included). A mixture of POTS and ISDN lines can be accommodated via 1701-00040 or 1701-00022 Telco ISDN Card (not included, order separately). AES/EBU, analog I/O.</p> <p>Supports up to two 2001-00071 Desktop Directors (not included, order separately), expandable to four or eight using Desktop Director Power Supply (2091-00001) and second (1701-00022) ISDN card. 2 RU. Shipping weight 14 lbs./6.4 kg. At least one Desktop Director is required for operation.</p>
 <p><i>Desktop Director</i></p>	<p><u>Desktop Director</u> P/N 2001-00071</p> <p>NX12, TWOx12, or 2101 Desktop Director—Used for line selection of NX12, TWOx12 or 2101 systems conferencing, screening calls, dialing and other talk show functions. Comes with handset and separate connection for optional 3rd-party call screener's headset. TWOx12 supports two Desktop Directors standard, expandable to four. Shipping weight 18 lbs/8.1 kg</p>
 <p><i>Call Controller</i></p>	<p><u>Call Controller</u> P/N 2001-00143</p> <p>Call Controller—Used for line selection of the NX12, TWOx12 or 2101. This cost effective and compact control option provides call screening and line status for control of up to 12 lines and 2 hybrids. Connect the call Controller to an ordinary POTS telephone of your choice for screener or studio telephone operation. Shipping weight 5 lbs/2.26 kg</p>

Section 2: Hybrid Talk Show Systems (continued)

Two X 12 Digital Talk Show Systems Accessories	
 <p>Assistant Producer for 2x12</p>	<p><u>Assistant Producer v3.5 For TWO x 12</u> P/N 3001-00001 Assistant Producer v3.5 For TWOx12, NX12, & 2101</p> <p>Call screening software. CD-ROM includes Assistant Producer for use with <i>TWO x 12 Talkshow Systems</i>. Operates with Microsoft Windows™. Provides instant communication between producers and hosts with detailed on-screen line and caller status, allows remote screening/supervision of talk shows via LAN or WAN.</p> <p><i>Telos cannot provide refunds for non-defective software. Defective software can be returned for replacement only.</i></p>
	<p><u>Desktop Director Power Supply</u> P/N 2091-00001</p> <p>For 2001-00071 Desktop Director, 2001-00072 Desktop Director Extended, 2001-00143 Call Controller. Power supply(s) is required when using more than two Desktop Directors and/or Call Controllers. This power supply is also required when a Desktop Director cable is in excess of 250 feet (63.5m). Includes all cabling needed to connect power supply with NX12, TWOx12 or 2101 I/O. Shipping wt. 8 lbs/3.6 kg.</p>
	<p><u>Telco ISDN Card for TWOx12</u> P/N 1701-00022</p> <p>Dual S card permits connection of two* ISDN BRI lines. TWOx12 can use up to three of these cards for a full complement of twelve dial tones. One of these cards may be replaced by one POTS card for a mix of ISDN and POTS connections. <i>This change will result in a total of eleven lines (eight ISDN and three POTS).</i> For use Worldwide – outside North America.</p> <p>*One ISDN BRI line = two B channels (or two dial tones)</p>
	<p><u>Telco ISDN Card for TWOx12</u> P/N 1701-00040</p> <p>Dual U card permits connection of two* ISDN BRI lines. TWOx12 can use up to three of these cards for a full complement of twelve dial tones. One of these cards may be replaced by one POTS card for a mix of ISDN and POTS connections. <i>This change will result in a total of eleven lines (eight ISDN and three POTS).</i> For use in North America only.</p> <p>*One ISDN BRI line = two B channels (or two dial tones)</p>
	<p><u>Telco POTS Card for TWOx12</u> P/N 1701-00033</p> <p>Three-line POTS card permits connection of three POTS lines (one dial tone per line). TWOx12 includes up to four of these cards for a full complement of twelve dial tones. One of these cards may be replaced by one ISDN card for a mix of ISDN and POTS connections. <i>This change will result in a total of 12 lines (four ISDN and eight POTS).</i> For use worldwide.</p>
	<p><u>Dual Desktop Director Interface card for TWOx12 and 2101</u> P/N 1701-00022</p> <p>Used when operation of more than four Desktop Directors per studio is desired. Allows connection of a maximum of eight standard Desktop Directors per studio, or a maximum of six Extended Desktop Directors per studio. See p/n 2091-00001 for Desktop Director Power Supply, which may be needed with this card.</p>

Section 2: Hybrid Talk Show Systems (continued)


On X Six Talk Show Systems	
 <p style="text-align: center;"><i>ONE x SIX</i></p>	<p><u>ONE-x-Six</u> P/N 2001-00022</p> <p>With integrated Telos ONE Digital Hybrid. Manages up to six POTS lines; features conferencing capability with additional Telos ONE hybrid. Requires at least one 2001-00023 Switch Console (not included, order separately) supports two Switch Consoles. 1 RU. Shipping weight 10 pounds, 4.5 kg.</p>
 <p style="text-align: center;"><i>Switch Console</i></p>	<p><u>Switch Console</u> P/N 2001-00023</p> <p>Used for line selection, conferencing, dialing and other talk show functions including line status. ONE-x-Six supports a maximum of four Switch Consoles with additional power supplies (See below). Shipping weight 6 pounds, 2.7 kg.</p>

One X Six Digital Talk Show Systems Accessories	
 <p style="text-align: center;"><i>Assistant Producer for One x Six, 1A2 & Direct Interface Module</i></p>	<p><u>Assistant Producer For ONE-x-Six, 1A2 and Direct Interface Module</u> P/N 3001-00003</p> <p>Call screening software. CD-ROM includes Assistant Producer. Operates with Microsoft Windows™. Provides instant communication between producers and hosts with detailed on-screen line and caller status, allows remote screening/supervision of talk shows via LAN or WAN.</p> <p><i>We cannot provide refunds for non-defective software. Defective software can be returned for replacement only.</i></p>
	<p><u>Switch Console Local Power Supply</u> P/N 2091-00003 220V/50Hz P/N 2091-00002 110V/60Hz</p> <p>Local Power Supply—For 2001-00023 Switch Console. Needed when Switch Console cable is in excess of 75 feet (22.8m) or when more than two Switch Consoles are needed or when console-mounted version is used. Shipping weight 8 pounds, 3.6 kg.</p>
	<p><u>Modular Shielded Cable</u> P/N 1292-00020 25 foot, (7.62 m) P/N 1292-00021 50 foot, (15.2 m) P/N 1292-00022 75 foot, (22.9 m)</p> <p>6-Conductor cable for 0310-0000 Switch Console. Male/male RJ-11-style connectors.</p>





Section 2: Hybrid Talk Show Systems (continued)

2101 Multi-Studio Talk Show System	
 <i>Series 2101 Hub</i>	<p><u>Series 2101 Hub</u> P/N 2001-00069</p> <p>The system switch. Interfaces the Telephone Company lines with the rest of the system. The powerful Series 2101 Hub connects and coordinates all digital phone lines and distributes them to multiple studios.</p>
 <i>2101 Studio Interface</i>	<p><u>Series 2101 Studio Interface</u> P/N 2001-00070</p> <p>Provides in-studio connections for caller and send audio. Internal dual hybrids each permit two callers on-air simultaneously (total of four simultaneous callers per studio). System requires one Studio Interface per on-air studio. Includes interface card required to communicate with hub.</p> <p>Supports up to two 2001-00071 Desktop Directors (not included, order separately), expandable to four or eight using Desktop Director Power Supply (2091-00001) and second (1701-00022) ISDN card. 2 RU. Shipping weight 14-lbs./6.4 kg. At least one Desktop Director is required for operation.</p> <p>Studios which require more than the standard two hybrids can have their on-air caller capacity doubled by adding one #2001-00128 2101 Extended Dual Digital Hybrid. This increases the number of on-air hybrids to four (total of eight simultaneous callers per studio).</p>
 <i>Extended Dual Hybrid</i>	<p><u>2101 Extended Dual Digital Hybrid</u> P/N 2001-00128</p> <p>Two-line all-digital hybrid connects Series 2101 Studio Interface. Increases the number of on-air hybrids to four (total of eight simultaneous callers per studio). Features conferencing, digital dynamic caller EQ (DDEQ), full metering, AGC, ducking; supports Caller ID. 2 RU. Shipping weight 11 pounds, 5.0 kg.</p>
 <i>Extended Desktop Director</i>	<p><u>Series 2101 Extended Desktop Director</u> P/N 2001-00072</p> <p>Extended capacity Director provides line status for and permits control of up to 24 incoming calls assignable to two hybrids, or 12 incoming calls assignable to four hybrids. Includes built-in acoustically isolated speakerphone, handset and headset port.</p>
 <i>Desktop Director</i>	<p><u>Desktop Director</u> P/N 2001-00071</p> <p>NX12, TWOx12, or 2101 Desktop Director—Used for line selection of NX12, TWOx12 or 2101 systems conferencing, screening calls, dialing and other talk show functions. Comes with handset and separate connection for optional 3rd-party call screener's headset. 2101 supports two Desktop Directors standard, expandable to four. Shipping weight 18 lbs/8.1 kg</p>
	<p><u>On-Site System Configuration</u> P/N 4000-00006</p> <p style="text-align: right;">Per day + Expenses*</p> <p>On-Site factory configuration and commissioning. Required for all first-time installations. Technician will assist in configuring system from Telos, Omnia, and/or Axia. System checkout and training are included. At least three weeks notice required for on-site commissioning. Notify support@telos-systems.com or call Support at 216 - 241-7225.</p> <p>*Expenses include but are not limited to travel, lodging, and meals.</p>


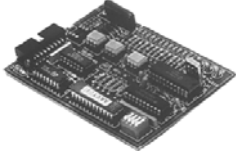
Section 2: Hybrid Talk Show Systems (continued)

2101 System Accessories	
 <p><i>Assistant Producer for 2101</i></p>	<p><u>Assistant Producer v3.5 For 2101</u> P/N 3001-00002 Assistant Producer v3.5 For 2101, 2X12, & NX12</p> <p>Call screening software. CD-ROM includes Assistant Producer for use with 2101 Talkshow Systems. Operates with Microsoft Windows™. Provides instant communication between producers and hosts with detailed on-screen line and caller status, allows remote screening/supervision of talk shows via LAN or WAN.</p> <p><i>Telos cannot provide refunds for non-defective software. Defective software can be returned for replacement only.</i></p>
	<p><u>Series 2101 PRI/T-1 Interface</u> P/N 2091-00013</p> <p>Permits connection of 1 T-1 or PRI Telco circuit for up to 24 calls (North America).</p>
	<p><u>Series 2101 Dual PRI/T-1 Interface</u> P/N2091-00014</p> <p>Permits connection of 2 T-1 or PRI Telco circuits for up 48 calls (North America).</p>
	<p><u>Series 2101 PRI Interface</u> P/N 2091-00015</p> <p>Permits connection 1 PRI Telco circuit for of up to 30 calls (non-North America).</p>
	<p><u>Series 2101 Dual PRI Interface</u> P/N 2091-00016</p> <p>Permits connection 2 PRI Telco circuits for up to 60 calls (non-North America).</p>
	<p><u>T-Link Studio Interface Card</u> P/N 1701-00048</p> <p>For communication between Studio Interface and Series 2101 Hub. Each card has one port for connection to Quad T-Link card in 2101 Hub. This card is included with the Series 2101 Studio Interface, but will be needed when converting a TWOx12 unit to become a Studio Interface unit.</p>
	<p><u>Quad T-Link Hub Card</u> P/N 1701-00049</p> <p>For communication between Series 2101 Hub and Studio Interface. Each card has four ports for connection for up to four studio interfaces.</p>
	<p><u>Desktop Director Power Supply</u> P/N 2091-00001</p> <p>For 2001-00071 Desktop Director, 2001-00072 Desktop Director Extended, 2001-00143 Call Controller. Power supply(s) is required when using more than two Desktop Directors and/or Call Controllers. This power supply is also required when a Desktop Director cable is in excess of 250 feet (63.5m). Includes all cabling needed to connect power supply with NX12, TWOx12 or 2101 I/O. Shipping wt. 8 lbs/3.6 kg.</p>
	<p><u>Dual Desktop Director Interface card for TWOx12 and 2101</u> P/N 1701-00022</p> <p>Used when operation of more than four Desktop Directors per studio is desired. Allows connection of a maximum of eight standard Desktop Directors per studio, or a maximum of six Extended Desktop Directors per studio. See p/n 2091-00001 for Desktop Director Power Supply, which may be needed with this card.</p>





Section 3: Telephone Hybrids

Single and Dual Telephone Line Hybrids	
 <p><i>Telos TWO</i></p>	<p><u>TWO /ISDN Digital Hybrid</u> P/N 2001-00031</p> <p>Two-line standalone all-digital hybrid connects directly to ISDN BRI telephone line*; features conferencing, digital dynamic caller EQ (DDEQ), full metering, AGC, ducking; supports Caller ID. Includes integral NT1 with ISDN "S" and "U" digital interfaces. 2 RU. Shipping weight 11 pounds, 5.0 kg.</p> <p><i>*One ISDN BRI line = two B channels (or two dial tones)</i></p>
 <p><i>ONE.modem</i></p>	<p><u>ONE Digital Hybrid Modem case version</u> P/N 2001-00026 220V/50-60Hz P/N 2001-00025 110V/60Hz</p> <p>Single line digital POTS hybrid can operate with 1A2 Interface Module or Direct Interface Module. AGC, caller ducking, mic/line inputs, two outputs. Use part numbers 2091-00007 (SRMP) or 2091-00008 (DRMP) rack mount kits for rack mounting. Can operate with Telos Auto Answer boards. Shipping weight 8 pounds, 3.6 kg.</p>
 <p><i>ONE.rackmount</i></p>	<p><u>ONE Digital Hybrid Rackmount Version</u> P/N 2001-00027</p> <p>Single line digital POTS hybrid can operate with 1A2 Interface Module or Direct Interface Module. AGC, caller ducking, mic/line inputs, two outputs. Can operate with Telos Auto Answer boards. 1 RU. Shipping weight 10 lbs, 4.5 kg.</p>
 <p><i>ONE plus ONE</i></p>	<p><u>ONE plus ONE</u> P/N 2001-00029</p> <p>Dual Digital POTS Hybrid can operate with 1A2 Interface Module or Direct Interface module. Two Telos ONE hybrids rack mounted together with a built-in mix-minus matrix for full duplex conferencing. Can also be used as two independent hybrids. Can operate with Telos Auto Answer boards. 1 RU. Shipping weight 15 pounds, 6.8 kg.</p>


Section 3: Telephone Hybrids (continued)

Telephone Hybrid Accessories	
	<p><u>Replacement Telco ISDN Card for TWO</u> P/N 1701-00086 S/U card permits connection of one* ISDN BRI line. Shipping weight 1 lb., 0.5 kg. *One ISDN BRI line = two B channels (or two dial tones)</p>
	<p><u>Rack Mount Panels</u> P/N 2091-00007 Single unit P/N 2091-00008 Dual unit Permits one or two Telos ONE (modem case version) or Telos Link to be rack mounted. 1 RU.</p>
	<p><u>Replacement Outboard Power Supply for ONE</u> P/N 2091-00005 220V/50-60Hz P/N 2091-00004 110V/60Hz Shipping weight 1 lb, 0.5 kg.</p>
 <p><i>Basic Auto Answer Board</i></p>	<p><u>Basic Auto Answer Board</u> P/N 1701-00110 Used for Telos ONE, ONE plus ONE and 100 Delta POTS hybrids. Enables hybrid to automatically answer incoming call and hang up on loop current drop or reversal (CPC-calling party control). CPC not available in all countries or private PBXs. Shipping weight 1 lb, 0.5 kg.</p>
 <p><i>Super Auto Answer Board</i></p>	<p><u>Super Auto Answer Board</u> P/N 1701-00087 Standard Please contact Telos for information about specific versions of SAA boards for your application and country. Same as Basic Auto Answer but adds sophisticated capabilities such as remote control capability for connect, drop and auto-answer function. Releases line when recall tone is present, for lines without CPC. Open collector outputs from integral DTMF decoder. Shipping weight 1 lb, 0.5 kg.</p>


Section 4: Legacy Phone Systems

Analog Telephone Interface Equipment	
 <p>1A2</p>	<p><u>1A2 Interface Module</u> P/N 2001-00024</p> <p>Controls up to 10 POTS lines via connection to 1A2 ("fat-wire") KSU (not included). Enables conferencing via connected hybrids. Requires at least one 2001-00023 Switch Console or console-mounted control surface (not included, order separately). System expansion to 20 or 30 lines possible by adding a second and third 1A2 module (requires 2091-00022 1A2 System Interconnect Cable, order separately). Intended for use with Telos ONE or 100 Delta hybrid(s). 1 RU. Shipping weight 14 lbs., 6.4 kg.</p>
 <p>Direct Interface Module</p>	<p><u>Direct Interface Module</u> P/N 2001-00030</p> <p>Controls up to 10 POTS lines via individual RJ-11 connectors. Enables conferencing via connected hybrids. Requires at least one 2001-00023 Switch Console or console-mounted control surface (not included, order separately). Provides music-on-hold input and connection for up to two Mitel screener phone(s). Intended for use with Telos ONE or 100 Delta hybrid(s). 2 RU. Shipping weight 17 pounds, 7.7 kg.</p>
Analog Telephone Interface Equipment Accessories	
 <p>Mitel Superset IV</p>	<p><u>Mitel Superset IV</u> P/N 2091-00009</p> <p>A full-featured refurbished electronic phone for screening calls with Direct Interface Module. Shipping weight 4 pounds, 1.8 kg.</p>
	<p><u>1A2 System Interconnect Cable</u> P/N 2091-00022</p> <p>Ribbon cable with three DB-25 male connectors. Required when linking multiple 1A2 interfaces to create 20- or 30-line systems.</p>
 <p>Assistant Producer for One X Six, 1A2 & Direct Interface Module</p>	<p><u>Assistant Producer For ONE-x-Six, 1A2 and Direct Interface Module</u> P/N 3001-00003</p> <p>Call screening software. CD-ROM includes Assistant Producer. Operates with Microsoft Windows™. Provides instant communication between producers and hosts with detailed on-screen line and caller status, allows remote screening/supervision of talk shows via LAN or WAN.</p> <p><i>We cannot provide refunds for non-defective software. Defective software can be returned for replacement only.</i></p>

Section 5: Telephone to Intercom Interface

Intercom Hybrid Interface	
 <p style="text-align: center;"><i>Link</i></p>	<p>LINK P/N 2001-00033 220V/50-60Hz P/N 2001-00032 110V/60Hz</p> <p>Permits connection of POTS line to 2-wire production intercom systems. Compact modem case. Use part numbers 2091-00007 (SRMP) or 2091-00008 (DRMP) rack mount kits for rack mounting.</p> <p>*For four-wire intercom-to-telephone connections, see "Telos ONE" under "Section 3: Telephone Hybrids" on page 13. Specify "Version 4.X" when ordering.</p> <p>*For two-wire to four-wire intercom interconnection, see "Telos ONE" under "Section 3: Telephone Hybrids" on page 13. Specify "Version 6.X" when ordering.</p>
	<p>Replacement outboard power supply for LINK P/N 2091-00030 220V/50-60Hz P/N 2091-00029 110V/60Hz</p> <p>Shipping weight 1 lb, 0.5 kg.</p>

Section 6: Program Skimming, Archiving, & Logging

Telos Profiler Software	
 <p style="text-align: center;"><i>Profiler</i></p>	<p>Telos ProFiler Automated Program Archiving P/N 2201-00017</p> <p>Enables radio stations to make MP3 audio logs of daily programs. Includes a Telos balanced input PCI audio card bundled with CD-ROM software to record, manage and play back archived audio files. Recording software runs under Windows 2000 or NT4; playback software runs under Windows NT, Win98 or greater. Record mode can be set for logging, skimming, or combination of both. Logged audio may be auditioned remotely via LAN, WAN, or Internet. Hardware requirements; NT4/Win2K on a Pentium-II/400 with minimum 128Mb RAM and 30GB storage. Includes professional Telos PCI audio card with balanced inputs/outputs and contact closure inputs to activate skimming function.</p>
	<p>Cable DB9 to 4 XLR – Profiler Interface P/N 2091-00060</p> <p>This ready-made cable adapts the Profiler sound card's DB9 audio connector into 4 XLR connectors, 2 male and 2 female.</p>

Section 7: Control Surfaces

OEM Control Surface Electronic Assemblies



*Console Director**

[Console Director Suitable for 2101, NX12, & TWOx12](#)

P/N 2001-00052

Console Director –48V Long 12 Line Control Panel.

Dual 12 line control electronics for NX12, TWOx12 and 2101 telephone systems. Supplied as complete electronic assembly for installation in sheet metal supplied by other vendors.

[Console Director Suitable for 2101, NX12, & TWOx12](#)

P/N 2001-00086

Console Director –48V Short 12 Line Control Panel.

Dual 12 line control electronics for NX12, TWOx12 and 2101 telephone systems. Supplied as a complete electronic assembly for installation in Harris Radio Mixers.

[Console Director Suitable for 2101, NX12, & TWOx12](#)

P/N 2001-00121

Console Director –48V 24 Line Control Panel.

Dual 24 line control electronics for NX12, TWOx12 and 2101 telephone systems. Consists of 2, 2001-00052 Console Director 12 Line –48V LONG style and 1, 3001-00013 24 line expansion software upgrade for console director. Supplied as complete electronic assembly for installation in sheet metal supplied by other vendors.

[Console Director Suitable for 2101, NX12, & TWOx12](#)

P/N 2001-00089

Console Director –48V Horizontal 12 Line Control Panel.

Dual 12 line control electronics for NX12, TWOx12 and 2101 telephone systems. Supplied as a complete electronic assembly for installation in Harris/PR&E Turrets.

[Console Director For Legacy Equipment](#)

P/N 2001-00087

Console Director +12V Long 10 Line Control Panel.

Dual 10 Line control electronics for Legacy Telos telephone interface systems. Supplied as complete electronic assembly for installation in sheet metal supplied by other vendors.

*Supports 10 Line, 2 hybrid, operation only. For 20-line application see page 17.

[Console Director For Legacy Equipment](#)

P/N 2001-00088

Console Director +12V Short 10 Line Control Panel.

Dual 10 Line control electronics for Legacy Telos telephone interface systems. Supplied as complete electronic assembly for installation in sheet metal supplied by other vendors.

[Console Director Suitable for Legacy Equipment](#)

P/N 2001-00090

Console Director +12V Horizontal 10 Line Control Panel.

Dual 10 Line control electronics for Telos 1A2, Direct Interface Module and ONE-x-Six telephone interface systems. Supplied as a complete electronic assembly for horizontal installation in Harris/PR&E Turrets.

* Console directors do not include sheet metal shown in photo.

Section 7: Control Surfaces (continued)

Console Mounted Control Surfaces*	
	<p><u>Dual 10 Control Panel Electronics ONLY</u> P/N 2001-00053 Dual 10 Line control <u>electronics only</u> for Telos 1A2, Direct Interface Module and ONE-x-Six telephone interface systems. <i>*BUILT TO ORDER</i></p>
	<p><u>PR&E AMX/BMX3 Dual 10 Line Console Mounted Panel</u> P/N 2001-00054 Suitable for use with 1A2, Direct Interface Module and ONE-x-Six. <i>*BUILT TO ORDER</i></p>
	<p><u>PR&E BMX2 Dual 10 Line Console Mounted Panel</u> P/N 2001-00056 Suitable for use with 1A2, Direct Interface Module and ONE-x-Six. <i>*BUILT TO ORDER</i></p>
	<p><u>PR&E Turret Dual 10 Line Console Mounted Panel</u> P/N 2001-00059 Suitable for use with 1A2, Direct Interface Module and ONE-x-Six. <i>*BUILT TO ORDER</i></p>

*Additional Console Mounted Control Surfaces are available. Please call Telos for details.