



MS EPL 3744 Mississippi Two-Way Radio Zetron Price Book

Includes Configured Systems Details

Printed 12/17/2018

Zetron Price Book

* indicates a limited discount item

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Product Category: MAX Dispatch

MS EPL 3744 Mississippi Two-Way Radio, 002-0036 Rev. 9

MAX Dispatch - Pro

Price Sheet 001-0282 Rev. AU

MAX Dispatch Pro is an end-to-end IP based telecommunications console system designed for mission-critical dispatch applications. Because MAX Dispatch employs the latest, standards-based IP protocols and IT best practices, it offers the highest levels of interoperability, scalability, and usability. This product is packaged to meet the needs of medium to larger sized systems that utilize an extensive console feature set. The optional features offered on the MAX Dispatch Standard are now included in the workstation bundle with the Pro version.

MAX Pro Workstations

Part Number	Description	List
905-0381	MAX Pro Workstation Bundle <i>Position: 1 Operator Workstation PC, 1 Media Dock, 2 Speakers, & power supply</i> <i>Licenses: MAX Base Software, Individual Call, Tone Signaling/Paging, Telephony, Event Replay, Aux I/O Control Feature Sets</i> <i>All manuals are included in soft copy format with the MAX Software</i>	17505
905-0382	MAX Pro Workstation Bundle, PC not included	15805
905-0402	MAX Pro Workstation, Laptop Bundle <i>USB Headset included, DOES NOT INCLUDE MEDIA DOCK</i>	14855
930-0258	MAX Pro Software	14320
905-0445	MAX Pro Workstation Bundle with Rackmount Speakers <i>Position: 1 Operator Workstation PC, 1 Media Dock, 1 19" Rackmount Speaker Panel with 2 Speakers, & power supply Licenses: MAX Base Software, Individual Call, Tone Signaling/Paging, Telephony, Event Replay, Aux I/O Control Feature Sets All manuals are included in soft copy format with the MAX Software</i>	17505

MAX Fire Station Alerting

Part Number	Description	List
905-0536	MAX Fire Station Gateway	2750
950-1363	Multi-Function Button Kit <i>Contains API documentation for developing 3rd party applications to control the MAX Dispatch console. A Protocol License Agreement is required to obtain the documentation. (1 per Position)</i>	1500
950-1362	Fire Station Alerting CAD API Bundle <i>Contains API documentation for developing 3rd party applications to control the MAX Dispatch console. A Protocol License Agreement is required to obtain the documentation. (1 per System)</i>	4850

Workstation Hardware

Part Number	Description	List
950-0032	Headset, 6-wire w/PTT, Noise Cancelling <i>Dual-prong adapter which includes one headset top</i>	330*
950-0033	Headset 4-Wire, Noise Cancelling <i>Dual-prong adapter which includes one headset top</i>	248*
950-0454	Wireless Headset, 6-Wire, Noise Canceling (comes with 2 batteries) <i>Plantronics CA12CD-S improved belt-mounted PTT pack has secure battery retention and accepts Plantronics H-Series headset tops. Comes with a spare battery.</i>	914*
802-0115	Headset Top, Noise Cancelling	111*
950-1077	Dual Prong Headset Jackbox Option; Dual Volume Control <i>Needed for TRHI functionality</i>	800
950-1082	Dual Prong Headset Jackbox Option; Single Volume Control	641
950-1215	MAX Call Taking to TRHI Cable	25
905-0330	Desktop Microphone, Shure With 6' cable	668
950-9102	Footswitch, Single w/ 10' cable	122
950-1198	19" 2U Rackmount Speaker Panel - 2 Speakers <i>Cables not included</i>	917
950-1251	2U Rackmount Gooseneck Microphone	535
950-0884	Speakers Single (cable separate)	541
709-0170-10	10 ft Shielded Cat 5e Cable for Speakers	16*

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Workstation Hardware

905-0403	Media Dock XS Kit	4030
950-1237	Console Position Light Pole	440*
950-1294	4-Port Keyboard, Mouse and Audio Switch, USB <i>Enables users to interact with up to 4 computers using a single mouse. Includes IEC (North America) to Mains power cord. For others, see Mains Power Options. Suggest option 950-1295 LED Light Module Kit</i>	986*
950-1295	LED Light Module Kit <i>Provides an LED indicator at each screen to identify which screen is currently being controlled. Requires 950-1294</i>	329*

MAX Solutions Workstation Hardware Upgrade - Add-on to existing MAX Call Taking System

Part Number	Description	List
950-1221	MAX Solutions Workstation PC Upgrade Option <i>Includes 4GB RAM upgrade and 1GB Video Card</i>	245

MAX Radio Gateway Interface & Options (DB15)

Part Number	Description	List
901-9675	MAX Radio Gateway Conventional (DB15) Hardware <i>This hardware variant is used when the radio is co-located with the MAX Radio Gateway and the cable can run directly from the unit to the radio itself. This device supports 2 radio connections. Includes one 10' shielded Cat 5e cable.</i>	2650
709-7968-10	MAX Radio Gateway to Tail Cable (10ft)	60
709-7968-20	MAX Radio Gateway to Tail Cable (20ft)	70
930-0228	Conventional P25 DIU-3000 (decode only) Interface License <i>Note: Per Channel</i>	210
709-7981-10	MAX Radio Gateway to DIU-3000 Cable (10ft)	110
709-7981-20	MAX Radio Gateway to DIU-3000 Cable (20ft)	130
930-0229	Kenwood Interface License (Tk-x180, Tk-5x10, NX-x00, 820) <i>Note: Per Channel</i>	320
709-7977-10	MAX Radio Gateway to Kenwood Radios (TK-x180, TK-5x10, NX-700/800/900) Cable (10ft)	110
709-7977-20	MAX Radio Gateway to Kenwood Radios (TK-x180, TK-5x10, NX-700/800/900) Cable (20ft)	130
709-8043-10	MAX Radio Gateway to Kenwood NX-820 Cable (10ft) <i>A hardware modification to the Radio is necessary in order to change the signaling to the connector. It is recommended you contact Kenwood directly to have the Radios modified prior to shipment.</i>	110
709-8043-20	MAX Radio Gateway to Kenwood NX-820 Cable (20ft) <i>A hardware modification to the Radio is necessary in order to change the signaling to the connector. It is recommended you contact Kenwood directly to have the Radios modified prior to shipment.</i>	130
709-7979-10	MAX Radio Gateway Tone Remote Cable	60
930-0269	Sprint Direct Connect Interface License <i>Note: Per Channel</i>	320
709-8024	MAX Radio Gateway to Advantec Cable (Sprint Direct Connect) (6ft)	110
709-8035	MAX Radio Gateway to Advance Bridge Cable (Sprint Direct Connect)	110
905-0347	M250/251 Tone-to-DC Remote Base Station Adapter <i>Used for DC controlled radios</i>	2793
930-0227	MDC-1200 (encode/decode) Signaling <i>For Local and Tone Remote Radios Only</i>	210
930-0242	GE-Star Signaling <i>For Local and Tone Remote Radios Only</i>	210
930-0262	5/6 Tone Signaling <i>For Local and Tone Remote Radios Only</i>	210
930-0263	Fleetsync Signaling <i>For Local and Tone Remote Radios Only</i>	210
709-8104	Radio Gateway to EFJ VM5000 Cable	110

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MAX Radio Gateway Interface & Options (DB15)

930-0360	Radio Gateway EF Johnson Interface License	225
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MAX CNB Radio Gateway Interface

Part Number	Description	List
901-9690	MAX CNB Radio Gateway Hardware	2650
930-0260	Harris Interface License (M7300) <i>Note: Per Channel</i>	320
709-8003-10	MAX Radio Gateway to Harris M7300 Cable (10ft)	110
709-8003-20	MAX Radio Gateway to Harris M7300 Cable (20ft)	130

MAX MSB Radio Gateway Interface

Part Number	Description	List
901-9693	MAX MSB Radio Gateway Hardware	2650
930-0265	Motorola XTL Interface License <i>Note: Per Channel</i>	325
709-8005-10	MAX Radio Gateway to XTL 5000 / APX 7500 Mobile Radio Rear Accessory Cable (10ft)	110
709-8005-20	MAX Radio Gateway to XTL 5000 / APX 7500 Mobile Radio Rear Accessory Cable (20ft)	130
709-8065-10	MAX Radio Gateway to XTL 5000 / APX 7500 TIB J600 Cable <i>Connects to radios using the TIB (Transceiver Interface Board)</i>	110
930-0278	Motorola APX 7500 Interface License <i>Note: Per Channel. Requires 7500 Mobile with 05 Control Head</i>	325

MAX Radio Gateway Interface & Options (RJ21)

Part Number	Description	List
901-9677	MAX Radio Gateway Conventional (RJ21) Hardware <i>This hardware variant is used when the site requires that the interconnects be demarcated on punch down blocks. Includes one 10' shielded Cat 5e cable. This device supports 2 radio connections.</i>	2650
930-0228	Conventional P25 DIU-3000 (decode only) Interface License <i>Note: Per Channel</i>	210
930-0229	Kenwood Interface License (Tk-x180, Tk-5x10, NX-x00, 820) <i>Note: Per Channel</i>	320
709-0167-10	25-pr Cable, M180-M90 (10 feet)	60
709-0167-25	25-pr Cable, M180-M90 (25 feet)	69
709-0167-50	25-pr Cable, M180-M90 (50 feet)	75
905-0347	M250/251 Tone-to-DC Remote Base Station Adapter <i>Used for DC controlled radios</i>	2793
930-0227	MDC-1200 (encode/decode) Signaling	210
930-0242	GE-Star Signaling	210
930-0262	5/6 Tone Signaling	210
930-0263	Fleetsync Signaling	210
950-9351	Connectorized Punch Down Block	88*
950-9199	Connectorized Punch down Block (Protected) [Baseline Product]	891

MAX Digital Radio Gateway Interface & Options

*****See Special Export Controls section for additional Interfaces & Options*****

Part Number	Description	List
901-9725	MAX Digital Radio Gateway <i>This Radio Gateway hardware model is used when interfacing via IP directly to a NEXEDGE DMR, or P25 DFSI System.</i>	2695
930-0264	NEXEDGE® Talkpath Interface (Trunking or Conventional Operation) <i>A license is required for each NEXEDGE Talkpath being monitored at the console. Conventional Operation: One Talkpath per Gateway Trunked Operation: Two Talkpaths per Gateway</i>	530

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MAX Digital Radio Gateway Interface & Options

930-0271	DMR Talkpath License <i>A license is required for each DMR talkpath being monitored at the console.</i>	895
930-0270	P25 DFSI Interface License <i>One license is required per Digital Radio Gateway.</i>	1060

MAX System Hardware/Software

Part Number	Description	List
901-9715	MAX Central <i>MAX Central is the hardware platform that hosts the MAX Manager, Telephony Gateway, IP Voice Logger Gateway, and the Aux I/O Gateway. Includes five 10' shielded Cat 5e cables.</i>	3395
930-0231	Z-Node Manager <i>At least 1 Z-Node Manager is required for each system.</i>	3290
930-0221	Block of 10 Radio Channel Licenses <i>Up to 50 channels in the system. Beyond 50 channels please call Zetron for pricing. Not needed when using interfaces on the digital radio gateway.</i>	3185
930-0237	IP Voice Logger Channel Block License <i>Provides IP Logging Access for up to 10 Radio Channels. May require additional Centrals.</i>	480
930-0273	MAX Dispatch Voice Logger License for Eventide NexLog™ Logging Recorders <i>License applies when using Eventide NexLog™ recorder only. Eventide Recorder must have been purchased through Zetron to qualify. The 930-0237 is not needed.</i>	0
901-9718	MAX Central Portal Host	3395
930-0233	MAX Portal Remote Radio or Console License <i>One Remote Portal license is needed per Radio Gateway or Console Workstation that is designated as a remote device. May require additional Centrals.</i>	210
930-0234	MAX Portal Z-Node License <i>One Portal license is needed for each Z-Node that is required to operate in a multi-node system. May require additional Centrals.</i>	4120
930-0239	Aux I/O Port License - 48 Ports <i>(Supports any combination of Inputs and Outputs up to 48)</i>	930
930-1214	Aux I/O Port License - 16 ports	410
802-1111	Acromag Ethernet I/O Unit <i>16 Discrete I/O Channels - Any Mix of Inputs and Outputs 12 - 32 VDC</i>	590*
901-9674	Model 6080 Relay Module <i>For Higher Current Applications (8 I/O)</i>	875
950-9351	Connectorized Punch Down Block	88*
950-9199	Connectorized Punch down Block (Protected) [Baseline Product]	891
802-2117	Acromag Ethernet I/O Unit <i>32 Optically Isolated Inputs, 16 Relay Outputs (250 VAC@ 2A) 18 to 36 VDC, Power Supply Not Included</i>	2055*
950-1347	Network Isolation Switch <i>Must be used with P/N 802-2117</i>	195*
802-0255	Power Supply for 802-2117 Acromag Ethernet Unit	25*

Location Services

Part Number	Description	List
905-0507	MAX Central Location Gateway Host <i>Must not host services other than Location Gateway Service. For redundancy, purchase two Hosts. Supports Tait T3.</i>	3395
930-0343	Location Gateway Service (1 License per system) <i>Must be installed only on the MAX Central Location Gateway Host. Supports Tait T3.</i>	2400
930-0344	Location Services Map Feature Set <i>Requires MAX Central Location Gateway Host, and Location Gateway Service (see MAX System HW/SW). Console workstations require Internet access. Supports Tait T3.</i>	1060

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Location Services

950-1366	Location Services CAD API Bundle <i>Contains API documentation for developing 3rd party applications to control the MAX Dispatch console. A Protocol License Agreement is required to obtain the documentation. (1 per System)</i>	1250
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Paging Services

Part Number	Description	List
950-1365	Paging CAD API Bundle <i>Contains API documentation for developing 3rd party applications to control the MAX Dispatch console. A Protocol License Agreement is required to obtain the documentation. (1 per System)</i>	950

Special Export Controls

Part Number	Description	List
931-0001	MAX Infrastructure Gateway - P25 CSSI License - Includes AES Encryption (1 per System)	2800
931-0002	P25 TalkPath CSSI - AES Encryption License (per Talkpath)	1800
931-0003	Digital Radio Gateway AES Encryption License (per Talkpath)	595

MAX CSSI Interface

*****See Special Export Controls section for additional Interfaces & Options*****

Part Number	Description	List
905-0508	MAX Dispatch CSSI Infrastructure Gateway (US Only) <i>Requires 931-0001</i>	6200
905-0509	MAX Dispatch CSSI Infrastructure Gateway, Redundant (US Only) <i>Requires 931-0001</i>	9795
930-0348	MAX Dispatch P25 5 TalkPath CSSI License	11250
930-0349	MAX Dispatch P25 10 TalkPath CSSI License	21600
930-0350	MAX Dispatch P25 20 TalkPath CSSI License	41040
930-0351	MAX Dispatch P25 30 TalkPath CSSI License	58320

MAX DMR Tier III Interface

Part Number	Description	List
905-0510	MAX Dispatch DMR AIS Gateway Bundle	6200
905-0511	MAX Dispatch DMR AIS Gateway Redundancy Bundle	9795
930-0363	MAX Dispatch DMR 5 TalkPath License	5000
930-0364	MAX Dispatch DMR 10 TalkPath License	9100
930-0365	MAX Dispatch DMR 20 TalkPath License	16100
930-0366	MAX Dispatch DMR 30 TalkPath License	21100

MAX Broadband PTT Interface

Part Number	Description	List
930-0359	Cellular PTT CSSI Talk Path License Add-On (1 per licensed Talk Path)	560

MAX Telephony Gateway Interface

Part Number	Description	List
930-0235	Telephony Gateway Service (1 Per MAX Central)	2120
930-0236	Telephony Port License (1 License per line connection)	65
950-1130	2 Port FXS VoIP Gateway with 2 port license	805
950-1131	12 Port FXS VoIP Gateway with 12 port license	2450
950-1138	2 Port FXO VoIP Gateway with 2 port license	805
950-1139	12 Port FXO VoIP Gateway with 12 port license	2450

Rack Mounting & Power Equipment

Part Number	Description	List
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Rack Mounting & Power Equipment

950-1142	Redundant 12VDC Power System - Up to 20 devices <i>This is a redundant power supply that can support up to 20 MAX Dispatch devices. Includes 19" rack mount enclosure.</i>	2650
950-1143	Redundant 12VDC Power System - Up to 40 devices <i>This is a redundant power supply that can support up to 40 MAX Dispatch devices. Includes 19" rack mount enclosure.</i>	4875
950-1134	12VDC Power Distribution Panel <i>Can support up to 40 MAX Dispatch devices. Fuses not included.</i>	475*
416-0043	Fuse, 3 Amp	5*
950-1135	DIN Rail Mounting Kit <i>This is a generic rack mount kit that can be used for extra power supply mounting or other devices using DIN rail mounting.</i>	505
950-0923	Radio Gateway Power Supply Option <i>Used for powering one Radio Gateway.</i>	80
950-0589	Single Unit Rack Mount Option	122
950-0588	Dual Unit Rack Mount Option	170
810-0142	19" Rack 2U Shelf	80*

Mains Power Options

Part Number	Description	List
416-0012	AC Power Cord (North America) <i>Required for items that need mains power input</i>	11**
416-1592	AC Power Cord (Australia) <i>Required for items that need mains power input</i>	11**
416-0020	AC Power Cord (United Kingdom) <i>Required for items that need mains power input</i>	11**
416-1593	AC Power Cord (Europe) <i>Required for items that need mains power input</i>	11**
416-1594	AC Power Cord (Japan) <i>Required for items that need mains power input</i>	53**

Monitors & Network Equipment

Part Number	Description	List
802-2311	23" Widescreen LCD Monitor <i>Supports up to 1920x1080 resolution.</i>	270*
802-2423	Tech Global 24" WS Multi-touch Monitor <i>Supports up to 1920x1080 resolution.</i>	2423*
802-2220	View Sonic, LCD, 22" WS Multi-touch Monitor <i>Supports up to 1920x1080 resolution.</i>	535*
950-1275	1000BASE-T SFP Module (Copper) <i>Includes 2 Modules. Needed if linking Switches together on the same Network</i>	825*
950-1276	1000BASE-SX SFP Module for Multi-Mode Fiber <i>Includes 2 Modules. Needed for Multi-Mode Fiber Switch</i>	1055*
950-1281	24 Port Managed Gigabit Rack Mount Switch <i>Two required for high availability network.</i>	2060*
950-1280	48 Port Managed Gigabit Rack Mount Switch <i>Two required for high availability network.</i>	3595*
950-1287	Cisco Management Cable <i>Needed for Switch Programming and Management</i>	50*

System Documentation

Part Number	Description	List
395-0090	MAX Dispatch Manual Set <i>This CD includes the complete suite of MAX Dispatch Manuals.</i>	25

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System Documentation

025-9638	MAX System Overview	50
025-9645	MAX Dispatch System Installation Manual	50
025-9654	MAX Dispatch System Configuration Manual	50
025-9624	MAX Radio Gateway (DB15) Product Manual	50
025-9648	MAX Radio Gateway (RJ21) Product Manual	50
025-9649	MAX Operation	50
025-9647	MAX Central Product Manual	50
025-9650	MAX Dispatch Console Design Manual	50
025-9658	Media Dock XS	50
025-9660	MAX CNB Radio Gateway Product Manual	50
025-9663	MAX MSB Radio Gateway Hardware	50
025-9625	MAX Digital Radio Gateway Product Manual	50
025-9630	Model 6080 Manual	50
025-9695	MAX Infrastructure Gateway Installation and Configuration Guide	50
025-9632	Headset Jackbox manual	50

Customer Support Services (Non-Discountable)

Factory Training in Redmond, WA

Part Number	Description	List
X99-M1344	MAX Dispatch Project Management/Project Engineering	Call for Quote**
X97-344F	MAX Dispatch Factory Technical Training, First Person	1095**
X97-344A	MAX Dispatch Factory Technical Training, Additional Person	545**
XMP-0344-OWE	MAX-PSP Operator Web Training extension	1500**

On-Site Operator Training (Non-Discountable)

*****Plans are for North America only*****

Part Number	Description	List
XMP-0344-OSO	MAX-PSP On-Site Operator Training, Per Day <i>Price is Per Day, is for North America Only and with 3 weeks Advance Notice</i>	2500**

On-Site Technical Support (Non-Discountable)

*****Plans are for North America only*****

Part Number	Description	List
XMP-0344-OST	MAX-PSP On-Site Technical Support, Per Day <i>Price is Per Day, is for North America Only and with 3 weeks Advance Notice</i>	2500**

Upgrades

Part Number	Description	List
950-1228	MAX Dispatch Software and Firmware Upgrade-PSP Required (P/N for delivery tracking only)	0

Spares

Part Number	Description	List
950-1133	Isolated 12VDC Power Supply System (non-redundant) <i>Can support up to 20 MAX Dispatch devices</i>	1380
901-9675	MAX Radio Gateway Conventional (DB15) Hardware	2650
901-9677	MAX Radio Gateway Conventional (RJ21) Hardware	2650
901-9690	MAX CNB Radio Gateway Hardware	2650
901-9693	MAX MSB Radio Gateway Hardware	2650
901-9725	MAX Digital Radio Gateway	2695
950-1315	MAX Dispatch CSSI Infrastructure Gateway Server (US Only)	6200
901-9715	MAX Central	3395

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Spares

950-1278	MAX Solutions Workstation PC	1980*
950-1189	MAX Solutions Workstation Laptop	4100
901-9691	Media Dock XS	3915
802-0692	Power Supply, Desktop 60W	42*
416-0012	AC Power Cord (North America)	11**

Product Service Plans

*****Plans are for North America and Latin America only*****

Part Number	Description	List
XMP-0344-EBS	MAX-PSP Extended Service Plan <i>1 year Software services, 1 year Hardware, After Hours Phone Support and 1 year in membership the Zetron MAX Users Group, per position per year.</i>	1750
XMP-0344-SSL	MAX-PSP Extended Service Plan Reinstatement Fee <i>Reinstating the Software Services Plan after its expiration, per position.</i>	1850
XMP-0344-APM	MAX-PSP After hours phone support 1 time <i>Special needs -Emergency and pre-scheduled service outside of regular business hours per month.</i>	100
XMP-0344-RCS	MAX-PSP Remote Configuration Services Systems & CSSI <i>Assistance in the initial configuration of a system - up to 32 hours scheduled</i>	4500**
XMP-0344-RCH	MAX-PSP Remote Configuration Services Features & Components <i>Assistance in the configuration of new components or features -hourly</i>	180**
XMP-0344-MUG	MAX-PSP Zetron MAX Users Group <i>Membership for 1 year into the ZMUG allows participation in MAX related webinars (Must Have Software PSP)</i>	See Notes**

Product Warranty Package

*****Plans are for North America and Latin America only*****

Part Number	Description	List
XMP-0344-BAS	MAX-PSP Base Service Plan <i>1 year Software Services, 1 years Hardware Services, 1 year of Advance Hardware replacement, Operator web training (2-4 hr sessions) and 1 year membership in the Zetron MAX Users Group</i>	0**

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MAX Dispatch - Standard

Price Sheet 001-0281 Rev. AU

MAX Dispatch Standard is an end-to-end IP based telecommunications console system. Because MAX Dispatch employs the latest, standards-based IP protocols and IT best practices, it offers the highest levels of interoperability, scalability, and usability. This product is packaged to meet the needs of smaller sized systems that may only need a handful of advanced console features. Software features sets may be added to each console position as necessary. If redundancy is required, that may be added on to the system.

MAX Standard Package

Part Number	Description	List
905-0380	MAX Standard Workstation Bundle <i>Position: 1 Operator Workstation PC, 1 Media Dock, 2 Speakers, & power supply</i> <i>Licenses: 1 MAX Base Software License</i> <i>All manuals are included in soft copy format with the MAX Software.</i>	10610
905-0520	MAX Standard with Laptop <i>Includes Laptop with USB Headset and soft copy of the manuals, DOES NOT INCLUDE MEDIA DOCK</i>	9270
905-0521	MAX Standard Workstation Bundle without PC <i>Includes 1 Media Dock, 2 Speakers, power supply, MAX Base Software License and Soft copy of the manuals</i>	8850
905-0523	MAX Standard Laptop Bundle Without Laptop <i>Includes USB Headset and soft copy of the manuals, DOES NOT INCLUDE MEDIA DOCK OR LAPTOP</i>	4750
950-1349	MAX Standard Software	4500

MAX Operator Workstation Software Licenses (per workstation)

Part Number	Description	List
930-0222	Individual Call Software Feature Set <i>Includes: Individual radio call, Call Alert, Radio Check, Radio Monitor, Inhibit, Uninhibit</i>	1060
930-0223	Telephony Feature Set <i>Includes: Console controls for basic telephone operation, Caller ID & alias.</i>	1590
930-0224	Tone Signaling/Paging Feature Set <i>Includes: Manual paging operation, instant call & stacked paging, 2-tone 100, 1000, & Custom Calls (Mot & GE), Quick Call (2+2), DTMF, Knox.</i>	1590
930-0225	Event Replay <i>Short term audio playback at the console position.</i>	1795
930-0226	Aux I/O Software Feature Set	1590

MAX Fire Station Alerting

Part Number	Description	List
905-0536	MAX Fire Station Gateway	2750
950-1363	Multi-Function Button Kit <i>Contains API documentation for developing 3rd party applications to control the MAX Dispatch console. A Protocol License Agreement is required to obtain the documentation. (1 per Position)</i>	1500
950-1362	Fire Station Alerting CAD API Bundle <i>Contains API documentation for developing 3rd party applications to control the MAX Dispatch console. A Protocol License Agreement is required to obtain the documentation. (1 per System)</i>	4850

Workstation Hardware Options

Part Number	Description	List
950-0032	Headset, 6-wire w/PTT, Noise Cancelling <i>Dual-prong adapter which includes one headset top.</i>	330*
950-0033	Headset 4-Wire, Noise Cancelling <i>Dual-prong adapter which includes one headset top.</i>	248*
950-0454	Wireless Headset, 6-Wire, Noise Canceling (comes with 2 batteries) <i>Plantronics CA12CD-S improved belt-mounted PTT pack has secure battery retention and accepts Plantronics H-Series headset tops. Comes with a spare battery.</i>	914*
802-0115	Headset Top, Noise Cancelling	111*

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Workstation Hardware Options

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950-1082	Dual Prong Headset Jackbox Option; Single Volume Control	641
950-1215	MAX Call Taking to TRHI Cable	25
905-0330	Desktop Microphone, Shure With 6' cable	668
950-9102	Footswitch, Single w/ 10' cable	122
950-1198	19" 2U Rackmount Speaker Panel - 2 Speakers <i>Cables not included</i>	917
950-1251	2U Rackmount Gooseneck Microphone	535
950-0884	Speakers Single (cable separate)	541
709-0170-10	10 ft Shielded Cat 5e Cable for Speakers	16*
905-0403	Media Dock XS Kit	4030
950-1237	Console Position Light Pole	440*
950-1294	4-Port Keyboard, Mouse and Audio Switch, USB <i>Enables users to interact with up to 4 computers using a single mouse. Includes IEC (North America) to Mains power cord. For others, see Mains Power Options. Suggest option 950-1295 LED Light Module Kit</i>	986*
950-1295	LED Light Module Kit <i>Provides an LED indicator at each screen to identify which screen is currently being controlled. Requires 950-1294</i>	329*

MAX Solutions Workstation Hardware Upgrade - Add-on to existing MAX Call Taking System

Part Number	Description	List
950-1221	MAX Solutions Workstation PC Upgrade Option <i>Includes 4GB RAM upgrade and 1GB Video Card</i>	245

MAX Radio Gateway Interface & Options (DB15)

Part Number	Description	List
901-9675	MAX Radio Gateway Conventional (DB15) Hardware <i>This hardware variant is used when the radio is co-located with the MAX Radio Gateway and the cable can run directly from the unit to the radio itself. This device supports 2 radio connections. Includes one 10' shielded Cat 5e cable.</i>	2650
709-7968-10	MAX Radio Gateway to Tail Cable (10ft)	60
709-7968-20	MAX Radio Gateway to Tail Cable (20ft)	70
930-0228	Conventional P25 DIU-3000 (decode only) Interface License	210
709-7981-10	MAX Radio Gateway to DIU-3000 Cable (10ft)	110
709-7981-20	MAX Radio Gateway to DIU-3000 Cable (20ft)	130
930-0229	Kenwood Interface License (TK-x180, TK-5x10, NX-x00, 820) <i>Note: Per Channel</i>	320
709-7977-10	MAX Radio Gateway to Kenwood Radios (TK-x180, TK-5x10, NX-700/800/900) Cable (10ft)	110
709-7977-20	MAX Radio Gateway to Kenwood Radios (TK-x180, TK-5x10, NX-700/800/900) Cable (20ft)	130
709-8043-10	MAX Radio Gateway to Kenwood NX-820 Cable (10ft) <i>A hardware modification to the Radio is necessary in order to change the signaling to the connector. It is recommended you contact Kenwood directly to have the Radios modified prior to shipment.</i>	110
709-8043-20	MAX Radio Gateway to Kenwood NX-820 Cable (20ft) <i>A hardware modification to the Radio is necessary in order to change the signaling to the connector. It is recommended you contact Kenwood directly to have the Radios modified prior to shipment.</i>	130
709-7979-10	MAX Radio Gateway Tone Remote Cable	60
930-0269	Sprint Direct Connect Interface License <i>Note: Per Channel</i>	320
709-8024	MAX Radio Gateway to Advantec Cable (Sprint Direct Connect) (6ft)	110
709-8035	MAX Radio Gateway to Advance Bridge Cable (Sprint Direct Connect)	110

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MAX Radio Gateway Interface & Options (DB15)

905-0347	M250/251 Tone-to-DC Remote Base Station Adapter <i>Used for DC controlled radios</i>	2793
930-0227	MDC-1200 (encode/decode) Signaling <i>For Local and Tone Remote Radios Only</i>	210
930-0242	GE-Star Signaling <i>For Local and Tone Remote Radios Only</i>	210
930-0262	5/6 Tone Signaling <i>For Local and Tone Remote Radios Only</i>	210
930-0263	Fleetsync Signaling <i>For Local and Tone Remote Radios Only</i>	210
709-8104	Radio Gateway to EFJ VM5000 Cable	110
930-0360	Radio Gateway EF Johnson Interface License	225

MAX CNB Radio Gateway Interface

Part Number	Description	List
901-9690	MAX CNB Radio Gateway Hardware	2650
930-0260	Harris Interface License (M7300) <i>Note: Per Channel</i>	320
709-8003-10	MAX Radio Gateway to Harris M7300 Cable (10ft)	110
709-8003-20	MAX Radio Gateway to Harris M7300 Cable (20ft)	130

MAX MSB Radio Gateway Interface

Part Number	Description	List
901-9693	MAX MSB Radio Gateway Hardware	2650
930-0265	Motorola XTL Interface License <i>Note: Per Channel</i>	325
709-8005-10	MAX Radio Gateway to XTL 5000 / APX 7500 Mobile Radio Rear Accessory Cable (10ft)	110
709-8005-20	MAX Radio Gateway to XTL 5000 / APX 7500 Mobile Radio Rear Accessory Cable (20ft)	130
709-8065-10	MAX Radio Gateway to XTL 5000 / APX 7500 TIB J600 Cable <i>Connects to radios using the TIB (Transceiver Interface Board)</i>	110
930-0278	Motorola APX 7500 Interface License <i>Note: Per Channel. Requires 7500 Mobile with 05 Control Head</i>	325

MAX Radio Gateway Interface & Options (RJ21)

Part Number	Description	List
901-9677	MAX Radio Gateway Conventional (RJ21) Hardware <i>This hardware variant is used when the site requires that the interconnects be demarcated on punch down blocks. Includes one 10' shielded Cat 5e cable. This device supports 2 radio channels.</i>	2650
930-0228	Conventional P25 DIU-3000 (decode only) Interface License <i>Note: Per Channel</i>	210
930-0229	Kenwood Interface License (Tk-x180, Tk-5x10, NX-x00, 820) <i>Note: Per Channel</i>	320
709-0167-10	25-pr Cable, M180-M90 (10 feet)	60
709-0167-25	25-pr Cable, M180-M90 (25 feet)	69
709-0167-50	25-pr Cable, M180-M90 (50 feet)	75
905-0347	M250/251 Tone-to-DC Remote Base Station Adapter <i>Used for DC controlled radios</i>	2793
930-0227	MDC-1200 (encode/decode) Signaling <i>For Local and Tone Remote Radios Only</i>	210
930-0242	GE-Star Signaling	210
930-0262	5/6 Tone Signaling	210
930-0263	Fleetsync Signaling	210

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MAX Radio Gateway Interface & Options (RJ21)

950-9351	Connectorized Punch Down Block	88*
950-9199	Connectorized Punch down Block (Protected) [Baseline Product]	891

MAX Digital Radio Gateway Interface & Options

*****See Special Export Controls section for additional Interfaces & Options*****

Part Number	Description	List
901-9725	MAX Digital Radio Gateway <i>This Radio Gateway hardware model is used when interfacing via IP directly to a NEXEDGE DMR, or P25 DFSI System.</i>	2695
930-0264	NEXEDGE® Talkpath Interface (Trunking or Conventional Operation) <i>A license is required for each NEXEDGE Talkpath being monitored at the console. Conventional Operation: One Talkpath per Gateway Trunked Operation: Two Talkpaths per Gateway</i>	530
930-0271	DMR Talkpath License <i>A license is required for each DMR talkpath being monitored at the console.</i>	895
930-0270	P25 DFSI Interface License <i>One license is required per Digital Radio Gateway.</i>	1060

MAX System Hardware/Software

Part Number	Description	List
901-9715	MAX Central <i>MAX Central is the hardware platform that hosts the MAX Manager, Telephony Gateway, IP Voice Logger Gateway, and the Aux I/O Gateway. Includes five 10' shielded Cat 5e cables.</i>	3395
930-0231	Z-Node Manager <i>At least 1 Z-Node Manager is required for each system.</i>	3290
930-0221	Block of 10 Radio Channel Licenses	3185
930-0376	Block of 2 Radio Channel Licenses	695
930-0237	IP Voice Logger Channel Block License <i>Provides IP Logging Access for up to 10 Radio Channels. May require additional Centrals.</i>	480
930-0273	MAX Dispatch Voice Logger License for Eventide NexLog™ Logging Recorders <i>License applies when using Eventide NexLog™ recorder only. Eventide Recorder must have been purchased through Zetron to qualify. The 930-0237 is not needed.</i>	0
901-9718	MAX Central Portal Host	3395
930-0233	MAX Portal Remote Radio or Console License	210
930-0234	MAX Portal Z-Node License <i>One Portal license is needed for each Z-Node that is required to operate in a multi-node system. May require additional Centrals.</i>	4120
930-0239	Aux I/O Port License - 48 Ports <i>(Supports any combination of Inputs and Outputs up to 48)</i>	930
930-1214	Aux I/O Port License - 16 ports <i>Supports any combination of Inputs and Outputs up to 16</i>	410
802-1111	Acromag Ethernet I/O Unit <i>16 Discrete I/O Channels - Any mix of Inputs and Outputs 12 - 32 VDC</i>	590*
901-9674	Model 6080 Relay Module <i>For higher current applications (8 I/O)</i>	875
802-2117	Acromag Ethernet I/O Unit <i>32 Optically Isolated Inputs, 16 Relay Outputs (250 VAC@ 2A) 18 to 36 VDC, Power Supply Not Included</i>	2055*
950-1347	Network Isolation Switch <i>Must be used with P/N 802-2117</i>	195*
802-0255	Power Supply for 802-2117 Acromag Ethernet Unit	25*

Location Services

Part Number	Description	List
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Location Services

905-0507	MAX Central Location Gateway Host <i>Must not host services other than Location Gateway Service. For redundancy, purchase two Hosts. Supports Tait T3</i>	3395
930-0343	Location Gateway Service (1 License per system) <i>Must be installed only on the MAX Central Location Gateway Host. Supports Tait T3.</i>	2400
930-0344	Location Services Map Feature Set <i>Requires MAX Central Location Gateway Host, and Location Gateway Service (see MAX System HW/SW). Console workstations require Internet access. Supports Tait T3</i>	1060
950-1366	Location Services CAD API Bundle <i>Contains API documentation for developing 3rd party applications to control the MAX Dispatch console. A Protocol License Agreement is required to obtain the documentation. (1 per System)</i>	1250

Paging Services

Part Number	Description	List
950-1365	Paging CAD API Bundle <i>Contains API documentation for developing 3rd party applications to control the MAX Dispatch console. A Protocol License Agreement is required to obtain the documentation. (1 per System)</i>	950

Special Export Controls

Part Number	Description	List
931-0001	MAX Infrastructure Gateway - P25 CSSI License - Includes AES Encryption (1 per System)	2800
931-0002	P25 TalkPath CSSI - AES Encryption License (per Talkpath)	1800
931-0003	Digital Radio Gateway AES Encryption License (per Talkpath)	595

MAX CSSI Interface

*****See Special Export Controls section for additional Interfaces & Options*****

Part Number	Description	List
905-0508	MAX Dispatch CSSI Infrastructure Gateway (US Only) <i>Requires 931-0001</i>	6200
905-0509	MAX Dispatch CSSI Infrastructure Gateway, Redundant (US Only) <i>Requires 931-0001</i>	9795
930-0348	MAX Dispatch P25 5 TalkPath CSSI License	11250
930-0349	MAX Dispatch P25 10 TalkPath CSSI License	21600
930-0350	MAX Dispatch P25 20 TalkPath CSSI License	41040
930-0351	MAX Dispatch P25 30 TalkPath CSSI License	58320

MAX DMR Tier III Interface

Part Number	Description	List
905-0510	MAX Dispatch DMR AIS Gateway Bundle	6200
905-0511	MAX Dispatch DMR AIS Gateway Redundancy Bundle	9795
930-0363	MAX Dispatch DMR 5 TalkPath License	5000
930-0364	MAX Dispatch DMR 10 TalkPath License	9100
930-0365	MAX Dispatch DMR 20 TalkPath License	16100
930-0366	MAX Dispatch DMR 30 TalkPath License	21100

MAX Broadband PTT Interface

Part Number	Description	List
930-0359	Cellular PTT CSSI Talk Path License Add-On (1 per licensed Talk Path)	560

MAX Telephony Gateway Interface

Part Number	Description	List
930-0235	Telephony Gateway Service (1 Per MAX Central)	2120
930-0236	Telephony Port License (1 License per line connection)	65
950-1130	2 Port FXS VoIP Gateway with 2 port license	805

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MAX Telephony Gateway Interface

950-1131	12 Port FXS VoIP Gateway with 12 port license	2450
950-1138	2 Port FXO VoIP Gateway with 2 port license	805
950-1139	12 Port FXO VoIP Gateway with 12 port license	2450

Rack Mounting & Power Equipment

Part Number	Description	List
950-1142	Redundant 12VDC Power System - Up to 20 devices <i>This is a redundant power supply that can support up to 20 MAX Dispatch devices. Includes 19" rack mount enclosure.</i>	2650
950-1143	Redundant 12VDC Power System - Up to 40 devices <i>This is a redundant power supply that can support up to 40 MAX Dispatch devices. Includes 19" rack mount enclosure.</i>	4875
950-1133	Isolated 12VDC Power Supply System (non-redundant) <i>The unit can power up to 20 devices. For redundancy, add a second module.</i>	1380
950-1134	12VDC Power Distribution Panel <i>Can support up to 40 MAX Dispatch devices. Fuses not included.</i>	475*
416-0043	Fuse, 3 Amp	5*
950-1135	DIN Rail Mounting Kit <i>This is a generic rack mount kit that can be used for extra power supply mounting or other devices using DIN rail mounting.</i>	505
950-0923	Radio Gateway Power Supply Option <i>Used for powering one Radio Gateway.</i>	80
950-0589	Single Unit Rack Mount Option	122
950-0588	Dual Unit Rack Mount Option	170
810-0142	19" Rack 2U Shelf	80*

Mains Power Options

Part Number	Description	List
416-0012	AC Power Cord (North America) <i>Required for items that need mains power input</i>	11**
416-1592	AC Power Cord (Australia) <i>Required for items that need mains power input</i>	11**
416-0020	AC Power Cord (United Kingdom) <i>Required for items that need mains power input</i>	11**
416-1593	AC Power Cord (Europe) <i>Required for items that need mains power input</i>	11**
416-1594	AC Power Cord (Japan) <i>Required for items that need mains power input</i>	53**

Monitors & Network Equipment

Part Number	Description	List
802-2311	23" Widescreen LCD Monitor <i>Supports up to 1920x1080 resolution.</i>	270*
802-2423	Tech Global 24" WS Multi-touch Monitor <i>Supports up to 1920x0180 resolution.</i>	2423*
802-2220	View Sonic, LCD, 22" WS Multi-touch Monitor <i>Supports up to 1920x0180 resolution.</i>	535*
950-1275	1000BASE-T SFP Module (Copper) <i>Includes 2 Modules. Needed if linking switches together on the same network.</i>	825*
950-1276	1000BASE-SX SFP Module for Multi-Mode Fiber <i>Includes 2 Modules. Needed for Multi-Mode Fiber Switch connection.</i>	1055*
950-1281	24 Port Managed Gigabit Rack Mount Switch <i>Two required for high availability network.</i>	2060*

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Monitors & Network Equipment

950-1280	48 Port Managed Gigabit Rack Mount Switch <i>Two required for high availability network.</i>	3595*
950-1287	Cisco Management Cable <i>Needed for Switch programming and management.</i>	50*

System Documentation

Part Number	Description	List
395-0090	MAX Dispatch Manual Set <i>This CD includes the complete suite of MAX Dispatch Manuals.</i>	25
025-9638	MAX System Overview	50
025-9645	MAX Dispatch System Installation Manual	50
025-9654	MAX Dispatch System Configuration Manual	50
025-9624	MAX Radio Gateway (DB15) Product Manual	50
025-9648	MAX Radio Gateway (RJ21) Product Manual	50
025-9649	MAX Operation	50
025-9647	MAX Central Product Manual	50
025-9650	MAX Dispatch Console Design Manual	50
025-9630	Model 6080 Manual	50
025-9660	MAX CNB Radio Gateway Product Manual	50
025-9663	MAX MSB Radio Gateway Hardware	50
025-9625	MAX Digital Radio Gateway Product Manual	50
025-9658	Media Dock XS	50
025-9695	MAX Infrastructure Gateway Installation and Configuration Guide	50
025-9632	Headset Jackbox manual	50

Customer Support Services (Non-Discountable)

Factory Training in Redmond, WA

Part Number	Description	List
X99-M1344	MAX Dispatch Project Management/Project Engineering	Call for Quote**
X97-344F	MAX Dispatch Factory Technical Training, First Person	1095**
X97-344A	MAX Dispatch Factory Technical Training, Additional Person	545**
XMP-0344-OWE	MAX-PSP Operator Web Training extension	1500**

On-Site Operator Training (Non-Discountable)

*****Plans are for North America only*****

Part Number	Description	List
XMP-0344-OSO	MAX-PSP On-Site Operator Training, Per Day <i>Price is Per Day, is for North America Only and with 3 weeks Advance Notice</i>	2500**

On-Site Technical Support (Non-Discountable)

*****Plans are for North America only*****

Part Number	Description	List
XMP-0344-OST	MAX-PSP On-Site Technical Support, Per Day <i>Price is Per Day, is for North America Only and with 3 weeks Advance Notice</i>	2500**

Upgrades

Part Number	Description	List
950-1228	MAX Dispatch Software and Firmware Upgrade-PSP Required (P/N for delivery tracking only)	0

Spares

Part Number	Description	List
950-1133	Isolated 12VDC Power Supply System (non-redundant) <i>Can support up to 20 MAX Dispatch devices.</i>	1380

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Spares

901-9675	MAX Radio Gateway Conventional (DB15) Hardware	2650
901-9677	MAX Radio Gateway Conventional (RJ21) Hardware	2650
901-9690	MAX CNB Radio Gateway Hardware	2650
901-9693	MAX MSB Radio Gateway Hardware	2650
901-9725	MAX Digital Radio Gateway	2695
950-1315	MAX Dispatch CSSI Infrastructure Gateway Server (US Only)	6200
901-9715	MAX Central	3395
950-1278	MAX Solutions Workstation PC	1980*
950-1189	MAX Solutions Workstation Laptop	4100
901-9691	Media Dock XS	3915
802-0692	Power Supply, Desktop 60W	42*
416-0012	AC Power Cord (North America)	11**

Product Service Plans

*****Plans are for North America and Latin America only*****

Part Number	Description	List
XMP-0344-EBS	MAX-PSP Extended Service Plan <i>1 year Software services, 1 year Hardware, After Hours Phone Support and 1 year membership in the Zetron MAX Users Group, per position per year</i>	1750
XMP-0344-SSL	MAX-PSP Extended Service Plan Reinstatement Fee <i>Reinstating the Software Services Plan after its expiration, per position</i>	1850
XMP-0344-APM	MAX-PSP After hours phone support 1 time <i>Special needs -Emergency and pre-scheduled service outside of regular business hours per month.</i>	100
XMP-0344-RCS	MAX-PSP Remote Configuration Services Systems & CSSI <i>Assistance in the initial configuration of a system – up to 32 hours scheduled</i>	4500**
XMP-0344-RCH	MAX-PSP Remote Configuration Services Features & Components <i>Assistance in the configuration of new components or features -hourly</i>	180**
XMP-0344-MUG	MAX-PSP Zetron MAX Users Group <i>Membership for 1 year into the ZMUG allows participation in MAX related webinars (Must Have Software PSP)</i>	See Notes**

Product Warranty Package

*****Plans are for North America and Latin America only*****

Part Number	Description	List
XMP-0344-BAS	MAX-PSP Base Service Plan <i>1 year Software Services, 1 years Hardware Services, 1 year of Advance Hardware replacement, Operator web training (2-4 hr sessions) and 1 year membership in the Zetron MAX Users Group</i>	0**

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Product Category: Baseline Products

Model 250 Tone Remote Adapter

MS EPL 3744 Mississippi Two-Way Radio, 002-0036 Rev. 9

Price Sheet 001-0192 Rev. Q

The Model 250 is a tone remote adapter that includes features typically only found in high-end remote control stations. It provides a means of connecting a base station radio to industry-standard tone remote encoders, such as Zetron's desktop remotes and dispatch consoles. The Model 250 connects to an audio circuit or leased line from the tone remote and to the unique interface of the base station radio. Designed for fast installation and easy setup. The Model 250 includes integrated setup utilities that reduce the need for service equipment.

Part Number	Description	List
901-9588	Model 250 Tone Remote Adapter	1044
950-0898	Dual Rack Mount Adapter Kit	90
OPTIONS		
Part Number	Description	List
950-0950	Interface kit for Kenwood TKR-x50/51	170
950-0956	Interface kit for Kenwood TK-x180, TK-5x10, and NX-700/800	170
950-1015	M250 Tone Remote PTT iDEN Handset Interface	844
950-1017	Interface Kit for MOTOTRBO mobile radios	164
709-7540	Generic Interface cable with flying leads	80
950-1201	Interface kit for Motorola CDM-1250/CDM-1550 LS+	90
950-0328	Interface kit for Motorola GM 300/R1225	90
950-0329	Interface kit for Kenwood TKR-840 repeater	90
950-0330	Interface kit for Kenwood TK-690/790/890	90
950-1313	Interface kit for Tait TM8200, TM9100, TM9300 and TM9600 Series Mobile Radios	90
025-9472	M250 Tone Remote Adapter User Manual	50
<i>An electronic copy of M250 user manual is included with all orders</i>		

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Product Category: Baseline Products

Model 284 Multi-line Tone Remote

MS EPL 3744 Mississippi Two-Way Radio, 002-0036 Rev. 9

Price Sheet 001-0146 Rev. AA

The Model 284 is an EIA-compatible tone remote that allows an operator to control up to four base stations or repeaters from a single unit. A built-in paging encoder is available. The unit is programmable from the ZIPR software program. A telephone-style handset with PTT pressbar, a built-in microphone, and built-in speaker are included.

Part Number	Description	List
901-9498	Model 284 Multi-line Tone Remote with Built-In Paging Encoder <i>Includes parallel status indication, function tone muting, InstantTalk circuit, real-time clock, VU meter, LCD with 32 programmable text aliases to identify base frequencies, 2-tone, 5-tone, DTMF, 2805/1500Hz, and alerts. Includes 10 stacks of 10 pagers each, and a 50-pager database with programmable text alias, User Manual and 120/240V Universal Power supply included.</i>	3036
901-9714	Model 284 Multi-line Tone Remote with Built-In Paging Encoder, Kenwood version	3036
OPTIONS		
Part Number	Description	List
901-9588	Model 250 Tone Remote Adapter	1044
709-7540	Generic Interface cable with flying leads	80
950-0328	Interface kit for Motorola GM 300/R1225	90
950-0329	Interface kit for Kenwood TKR-840 repeater	90
950-0330	Interface kit for Kenwood TK-690/790/890	90
950-9449	Programming Kit. Includes cable, adapter, and ZIPR software	264
950-9102	Footswitch, Single w/ 10' cable	122
950-0030	Headset 6-wire <i>Requires headset interface box, which disables handset.</i>	372*
950-0032	Headset, 6-wire w/PTT, Noise Cancelling <i>Requires headset interface box, which disables handset.</i>	330*
950-9674	Headset interface box (disables handset)	182
950-0358	Model 280/284 Tone Remote Headset Adapter	765
950-9437	PTT Handset with Cord	105
905-0330	Desktop Microphone, Shure With 6' cable	668
025-9346	M284 Digital Tone Remote Product Manual, additional <i>(Note: PDF images of all manuals can be found on the resellers website.)</i>	50
025-9589	Desktop Microphone Manual	50

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Product Category: Model 4010

Model 4010/4010R Radio Dispatch Console

MS EPL 3744 Mississippi Two-Way Radio, 002-0036 Rev. 9

Price Sheet 001-0054 Rev. AZ

The Model 4010/R is a self-contained, multi-position radio dispatch console that can accommodate up to 12 radio channels and 2 telephone lines. Contact Zetron for a Configuration and Planning Guide.

Part Number	Description	List
901-9269	Model 4010 Radio Dispatch Console (Desktop)	7037
901-9335	Model 4010R Radio Dispatch Console (Rackmount)	7037
802-0092	Power Supply for 4010, 4118, 4018 or 4217B	116*
950-0962	M4010 Console Programming Software for Windows	278
950-9325	Console Programming System for DOS	263

EXPANSION UNIT

Part Number	Description	List
901-9224	Model 4115B Console Expander (5.25" x 19")	3332

CHANNEL CARDS AND ADAPTERS

Part Number	Description	List
950-9715	Dual Channel Card	1343
950-0255	Tone Remote System Adapter (required for iRIMs)	805
950-9922	Tone Remote System Adapter with Audio Delay	1156
950-0820	2970 Hz Tone Remote System Adapter with Audio Delay	1065
950-9716	DC Remote Channel Adapter	406
950-9718	Tone Remote LOTL Channel Adapter	237
950-9719	Phone Patch Card	708
950-9720	Dual Phone Card	1416
950-9721	Expanded Aux I/O Card	581
950-9609	Series 4000 Intercom Interface Option	1366
901-9630	KA iRIM (Intelligent Radio Interface Module)	3328
901-9637	EA iRIM (Intelligent Radio Interface Module)	4326
950-0589	Single Unit Rack Mount Option	122
950-0588	Dual Unit Rack Mount Option	170
950-1014	iDEN Handset PTT Interface for Local Conventional	329
950-1015	M250 Tone Remote PTT iDEN Handset Interface	844

SOFTWARE OPTIONS - PAGING AND SPEED DIAL

Part Number	Description	List
930-0029	Extended Paging Package	878
930-0030	Instant Call Paging	327
950-9502	Model 4018/4118 Speed Dial Option	448
950-9741	SS1A Console Software Option (replaces Standard operating Software-requires 322-7256 EPROM)	539

ANI OPTIONS

Part Number	Description	List
950-9722	Individual Channel DTMF ANI Decoder with built-in tone remote LOTL	757
950-9709	Individual Channel FSK ANI Decoder (recommended for iRIMs)	805
950-9706	Individual Channel SS1 Decoder	1186

ACCESSORIES

Part Number	Description	List
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ACCESSORIES

950-9314	Gooseneck Microphone for M4010 / M4018 Desktop Console Position	363
950-9484	Gooseneck Microphone (rackmount)	290
905-0386	Desktop Microphone, Shure With Cable to Tails	668
950-9315	PTT Handset w/ Hookswitch Cradle for M4010 / M4018	327
950-9102	Footswitch, Single w/ 10' cable	122
950-9327	Headset Jackbox	280
950-9208	Secondary Headset Jackbox (for all models)	686
950-9439	Telephone/Radio Headset Interface (TRHI) (for all models)	1168
709-7350	Dual TRHI Connector Cable	108
950-0360	TRHI PTT Handset & Cradle Option (requires TRHI)	686

HEADSET OPTIONS

Part Number	Description	List
950-0033	Headset 4-Wire, Noise Cancelling	248*
950-0032	Headset, 6-wire w/PTT, Noise Cancelling	330*
950-0454	Wireless Headset, 6-Wire, Noise Canceling (comes with 2 batteries) <i>Plantronics CA12CD-S improved belt-mounted PTT pack has secure battery retention and accepts Plantronics H-Series headset tops. Comes with a spare battery.</i>	914*

INSTALLATION OPTIONS

Part Number	Description	List
709-7313	Parallel Status Cable	79
709-0021	25 pair Cable with Connectors, 10' length	79
950-9351	Connectorized Punch Down Block	88*
950-9199	Connectorized Punch down Block (Protected) [Baseline Product]	891
901-9325	Deadbolt Lightning Surge Arrestor [Baseline Product]	313
815-9172	Desk Adapter for Phone Rack [Baseline Product]	595
400-0205	5.25" CRT Base	685
400-0403	Turret Base	450
400-0042	10.5" Desk Turret	750
400-0043	5.25" Vertical Extension	525
400-6753	Top Panel, with Grommet	120

SPARES

Part Number	Description	List
951-9094	Controller Spares	581
951-9095	Dual Channel Card Spares	194
951-9060	Console Position Spares Kit (M4018)	1222

MODEL 250 TONE REMOTE ADAPTER [Baseline Products]

Part Number	Description	List
901-9588	Model 250 Tone Remote Adapter	1044
709-7540	Generic Interface cable with flying leads	80
950-0328	Interface kit for Motorola GM 300/R1225	90
950-0329	Interface kit for Kenwood TKR-840 repeater	90
950-0330	Interface kit for Kenwood TK-690/790/890	90

SYSTEM DOCUMENTATION

Part Number	Description	List
025-9226	Operator's Manual (Additional Copies)	50
025-9227	Installation Manual (Additional Copies)	50

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SYSTEM DOCUMENTATION

025-9229	Programming Manual (Additional Copies)	50
064-0006	Pre-Shipment Configuration Manual	N/C
025-9589	Desktop Microphone Manual	50
025-9553	TRHI Manual	50
025-9585	Amplified 5W Speaker manual	50
395-0080	Accessory Manuals (CD contains manuals for TRHI, Headset Jackbox, Desktop Microphone and Amplified 5W Speaker)	25

UPGRADES

Part Number	Description	List
950-0184	M4010 Firmware Upgrade	539
950-0993	M4010/4018/4118 28 pin Battery Replacement (Battery Socket) <i>Console batteries should be replaced every 5 years.</i>	116*
950-0885	Model 4010 Paging Firmware Upgrade Option <i>For use when adding 930-0029 and/or 930-0030 paging options to an existing Model 4010 not previously equipped with paging options.</i>	N/C
930-0089	Extended Paging Upgrade Option (J10) (System ID Required)	N/C
930-0090	Instant Call Paging Upgrade Option (J11) (System ID Required)	N/C
950-0711	Kenwood TK-x80 iRIM Firmware Upgrade	637
950-0737	Radio Interface Module EA Firmware Upgrade Option	637

EXTENDED LIMITED WARRANTY

Part Number	Description	List
X61-1163	Extended Limited Warranty per year for Years 2 to 5 (4% of System List Price) <i>4% of System List Price</i>	4% of SLP
X61-5163	Extended Limited Warranty for Coverage through Year 5 (14% of List Price) <i>14% of System List Price</i>	14% of SLP

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Product Category: Series 4000

Series 4000 Communications Control Systems

MS EPL 3744 Mississippi Two-Way Radio, 002-0036 Rev. 9

Price Sheet 001-0055 Rev. CK

The Series 4000 is a central controller-based dispatch communications console that provides an effective means of controlling up to 48 radio channels from 1 to 16 operating positions. Designed to meet the needs of public safety, medical dispatch, utility, and industrial users alike, the Series 4000's modular construction and field programmability offer exceptional application flexibility.

A system consists of one or more operator positions plus a CCE (common control equipment) rack. Racks sold separately. Operator positions can be PC-based (IntegratorRD), button/LED-based (rack mount), or a combination of both.

For larger applications, contact Zetron Sales for more information.

PC-BASED DESKTOP OPERATOR POSITION + CCE BUNDLES

IntegratorRD with M4219 Audio Interface

- A slim and compact design with an LCD display and two external Zetron speakers.
- Not recommended for applications requiring a DTMF keypad (systems w/ Phone Couplers).
- Includes manuals but does not include monitors or operator accessories.

Part Number	Description	List
905-0318	2 Position Bundled 4020 RD/M4219, 8-Channels <i>Positions: (2) Integrator RD Clients/M4219s and PC Workstations</i> <i>Common Control Equipment: (2) M4048 PSUs, (1) M4020 CCE</i> <i>Cards: (2) System Traffic Cards, (2) Console Interface Cards</i> <i>(4) Dual Channel Tone/Local T/R Control Cards</i>	78664
905-0319	3-Position Bundled 4020 RD/M4219, 10-Channels <i>Positions: (3) Integrator RD Clients/M4219s and PC Workstations</i> <i>Common Control Equipment: (2) M4048 PSUs, (1) M4020 CCE</i> <i>Cards: (2) System Traffic Cards, (3) Console Interface Cards</i> <i>(5) Dual Channel Tone/Local T/R Control Cards</i>	107364
905-0320	4-Position Bundled 4048 RD/M4219, 14-Channels <i>Positions: (4) Integrator RD Clients/M4219s and PC Workstations</i> <i>Common Control Equipment: (2) M4048 PSUs,</i> <i>(1) M4048 Console Card Cage, (1) M4048 Channel Card Cage</i> <i>Cards: (2) System Traffic Cards, (4) Console Interface Cards</i> <i>(7) Dual Channel Tone/Local T/R Control Cards</i>	152832
905-0321	10 Position Bundled M4048 RD/M4219, 30-Channels <i>Positions: (10) Integrator RD Clients/M4219s and PC Workstations</i> <i>Common Control Equipment: (2) M4048 PSUs,</i> <i>(1) M4048 Console Card Cage, (1) M4048 Channel Card Cage</i> <i>Cards: (2) System Traffic Cards, (10) Console Interface Cards</i> <i>(15) Dual Channel Tone/Local T/R Control Cards</i>	333290

PC-BASED RACK MOUNT OPERATOR POSITION + CCE BUNDLES

IntegratorRD with M4217 Audio Panel

The M4217 is 5.25" x 19", rack mount, with Select and Unselect speakers, LCD display, 16 programmable keys and Encoder keypad.

- Requires rack furniture or a desktop enclosure such as 400-0205 or 815-9172.
- Includes manuals but does not include monitors or operator accessories.

Part Number	Description	List
905-0308	2 Position Bundled 4020 RD/M4217, 8-Channels <i>Positions: (2) Integrator RD Clients/M4217s and PC Workstations</i> <i>Common Control Equipment: (2) M4048 PSUs, (1) M4020 CCE</i> <i>Cards: (2) System Traffic Cards, (2) Console Interface Cards</i> <i>(4) Dual Channel Tone/Local T/R Control Cards</i>	78664
905-0309	3 Position Bundled 4020 RD/M4217, 10-Channels <i>Positions: (3) Integrator RD Clients/M4217s and PC Workstations</i> <i>Common Control Equipment: (2) M4048 PSUs, (1) M4020 CCE</i> <i>Cards: (2) System Traffic Cards, (3) Console Interface Cards</i> <i>(5) Dual Channel Tone/Local T/R Control Cards</i>	107364

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PC-BASED RACK MOUNT OPERATOR POSITION + CCE BUNDLES

905-0310	4 Position Bundled 4048 RD/M4217, 14-Channels <i>Positions: (4) Integrator RD Clients/M4217s and PC Workstations</i> <i>Common Control Equipment: (2) M4048 PSUs,</i> <i>(1) M4048 Console Card Cage, (1) M4048 Channel Card Cage</i> <i>Cards: (2) System Traffic Cards, (4) Console Interface Cards</i> <i>(7) Dual Channel Tone/Local T/R Control Cards</i>	152832
905-0311	10 Position Bundled 4048 RD/M4217, 30-Channels <i>Positions: (10) Integrator RD Clients/M4217s and PC Workstations</i> <i>Common Control Equipment: (2) M4048 PSUs,</i> <i>(1) M4048 Console Card Cage, (1) M4048 Channel Card Cage</i> <i>Cards: (2) System Traffic Cards, (10) Console Interface Cards</i> <i>(15) Dual Channel Tone/Local T/R Control Cards</i>	333290

PC-BASED OPERATOR POSITIONS AND COMPONENTS

IntegratorRD workstation with M4219 Audio Interface

- The M4219 is a slim and compact design with an LCD display and two external Zetron speakers.
- It is not recommended for applications requiring a hot DTMF keypad (i.e. systems w/ Phone Couplers).

Part Number	Description	List
905-0294	IntegratorRD/M4219 Radio Dispatch Workstation <i>PC Workstation w/ IntegratorRD Client & Programming Software</i> <i>Includes the Model 4219 Audio Panel w/ Zetron Speakers and Power Supply. Monitor and accessories sold separately.</i>	30267

IntegratorRD workstation with M4217 Audio Panel

- The M4217 is 5.25" x 19", rack mount, with Select and Unselect speakers, LCD display, 16 programmable keys and Encoder keypad.
- Rack mount positions require rack furniture or a desktop enclosure such as 400-0205 or 815-9172.

Part Number	Description	List
905-0178	IntegratorRD/M4217 Radio Dispatch Workstation <i>PC Workstation w/ IntegratorRD Client & Programming Software</i> <i>Includes the Model 4217 Audio Panel w/ Built-in Speakers and Power Supply. Monitor and accessories sold separately.</i>	30267

IntegratorRD Hardware/Software Kits for positions w/ Customer Supplied PCs

The M4217 and M4219 attach to the IntegratorRD workstation via the RS-422 dual serial interface kit (purchased separately). One required per position.

Part Number	Description	List
930-0049	IntegratorRD Software License	17797
905-0174	IntegratorRD Media Kit (includes CDROM and user manual)	229
905-0293	IntegratorRD M4219 Audio Interface	8795
901-9627	IntegratorRD M4217 Audio Panel	6765
950-1011	RS-422 Dual Serial Interface Kit, PCI Bus	1609
950-1253	RS-422 Dual Serial Interface Kit, PCIe Bus	1609
950-1254	RS-422 Dual Serial Interface Kit, USB Attached	1609

PC BASED INSTANT RECALL RECORDER

- Integrator IRR is a Windows based software application that records Select audio and telephone audio (See 950-0396). Audio plays back through PC desktop speakers quoted separately.
- Channel Check (930-0052, see Common Controller Options) records audio from each channel card it is installed on and is played back through the audio panel/headset while the channel is idle.
- Order both for systems with several radio channels or where IRR is critical.

Integrator IRR - Windows application, per operator position

Part Number	Description	List
905-0247	Integrator IRR package (license required see 930-0048 below) <i>Includes IntegratorIRR CDROM and radio/telephone interface. Speakers not included.</i>	484

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PC BASED INSTANT RECALL RECORDER

930-0048	Integrator IRR Full Product License	1128
950-0396	Integrator IRR Interface (provides radio/telephone isolation) <i>Required for recording radio/telephone audio</i>	330
950-0833	Game Port to USB adapter for Contact Closure	83
802-5006	IRR Multi-media Desktop PC Speakers	32*

BUTTON/LED BASED OPERATOR POSITIONS AND COMPONENTS

Model 4118 Rack Mount Position

Rack mount positions require rack furniture or a desktop enclosure, such as 400-0205 or 815-9172.

Part Number	Description	List
901-9306	Model 4118 Dispatch Console Audio Panel (5.25" x 19"), Rack Mount <i>With Enhanced Phone Operation.</i>	6243
901-9224	Model 4115B Console Expander (5.25" x 19") <i>Extends a Model 4118 console</i>	3332
901-9351	Model 4018 Desktop Dispatch Console <i>Includes Enhanced Phone Option. Desktop positions are self-enclosed; no furniture required.</i>	9352
802-0092	Power Supply for 4010, 4118, 4018 or 4217B	116*

Integrator RD SOFTWARE OPTIONS

DTMF, Zetron Alert tones, and Mot/GE Two-Tone Paging are included with all position types.

Integrator RD Paging & Signaling Options

Part Number	Description	List
930-0026	IntegratorRD Extended Paging Package <i>Adds custom calls (Plectron), Quick Call I (2+2), Rotary Dial 1500/2805Hz, Knox DTMF, 5/6 tone sequential paging formats, and MDC-1200 Emergency Alert/Acknowledge.</i>	1037
930-0051	IntegratorRD MDC-1200 Full Feature <i>Adds radio check, call alert, selective call, remote monitor enable/disable, radio "stun/kill" enable/disable and MDC-1200 Emergency Alert/Acknowledge controls to Integrator RD.</i>	2096
950-0803	CAD Interface License <i>Opens ports on IntegratorRD workstations for 3rd party CAD software to communicate with RD. Requires the relationship to be developed by the CAD vendor.</i>	3140
930-0187	Major Response Paging License <i>A Major Response Page (MRP) command, when pressed, will activate multiple Instant Call Pages (ICP). The blue color of the MRP differentiates it from the individual ICP commands. Programming of the MRP commands eliminates the need for the dispatcher to decide which individual ICP commands to activate when multiple units are needed during a Major Incident.</i>	1745

Button/LED Position Options and Accessories

Part Number	Description	List
930-0027	Model 4018/4118 Extended Paging Package with MDC-1200 Emergency Alert	1037
930-0028	Model 4018/4118 Instant Call Paging	386
950-9502	Model 4018/4118 Speed Dial Option	448
950-0889	M4018/M4118 Console Programming System for Windows TM <i>Includes programming cable, with Windows programming software and manuals in PDF format. Compatible with v1.83 M4x18 firmware or later.</i>	237
950-9314	Gooseneck Microphone for M4010 / M4018 Desktop Console Position	363
950-9459	Gooseneck Microphone (for M4118, 4217B)	723
950-9315	PTT Handset w/ Hookswitch Cradle for M4010 / M4018	327

Accessories for All Models of Audio Panels

Desktop Microphones are manufactured by Zetron and consist of a stable metal base with PTT and Monitor buttons. The mic element is on a gooseneck attached to the base.

Part Number	Description	List
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Accessories for All Models of Audio Panels

905-0325	S4000 Monitor A/B Speaker Kit <i>Adds two Zetron manufactured desktop unselect speakers allowing the operator to dynamically assign channels to each one.</i>	1366
905-0386	Desktop Microphone, Shure With Cable to Tails	668
950-9102	Footswitch, Single w/ 10' cable	122
950-9327	Headset Jackbox	280
950-9208	Secondary Headset Jackbox (for all models)	686
950-9439	Telephone/Radio Headset Interface (TRHI) (for all models)	1168
709-7350	Dual TRHI Connector Cable	108
950-0360	TRHI PTT Handset & Cradle Option (requires TRHI) <i>Designed for the dispatcher who prefers the use of a Handset for answering phone calls, and a Gooseneck Mic for radio dispatch.</i>	686

FOR ADDITIONAL ACCESSORIES SEE COMPANION PRODUCTS SECTION

DESKTOP FURNITURE [Baseline Products]

Specialized furniture provides ergonomic console layout and efficient space utilization.
Standard color is Off-White, other colors are available.

Part Number	Description	List
400-0403	Turret Base	450
400-0205	5.25" CRT Base	685
400-0042	10.5" Desk Turret	750
400-0043	5.25" Vertical Extension	525
400-6753	Top Panel, with Grommet	120
815-9172	Desk Adapter for Phone Rack [Baseline Product]	595

COMMON CONTROL EQUIPMENT BUNDLES

Model 4020 CCE controls up to 20 radio channels and 6 operator positions.
Model 4048 CCE controls up to 48 radio channels and 16 operator positions.

Part Number	Description	List
905-0158	M4020 115/12VDC Capable Redundant Bundle <i>(1) M4020 Common Controller Card Cage (2) M4048 PSUs, (2) System Traffic Cards</i>	18712
905-0156	M4048 Redundant System Bundle <i>(1) M4048 Console Card Cage, (1) M4048 Channel Card Cage (2) M4048 PSUs, (2) System Traffic Cards</i>	36916
905-0155	M4048 Expansion Bundle <i>(1) M4048 Channel Card Cage (1) M4048 Channel Card Cage Expansion Kit</i>	9489
905-0159	M4020 Redundant System Bundle <i>(1) Common Controller Card Cage, (1) DualPower Supply. (2) System Traffic Card.</i>	15587
905-0157	M4048 Basic CCE Bundle <i>(1each) Console Interface Card Cage, Channel Interface Card Cage, Power Supply and System Traffic Card.</i>	27435

COMMON CONTROL EQUIPMENT COMPONENTS

Part Number	Description	List
901-9582	M4020 Common Controller Card Cage	5199
950-0167	M4020 Modular Power Supply	1587
950-0265	M4020 Redundant Power Supply	4584
901-9462	M4048 Console Interface Card Cage	9260

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COMMON CONTROL EQUIPMENT COMPONENTS

950-9691	M4048 Channel Interface Card Cage	9260
950-9693	M4048 Power Supply	5935
950-9766	Channel Card Cage Expansion Kit	1144

RADIO CHANNEL CARDS & MODULES

Cards, Modules & Interface Kits for both IntegratorRD and Button/LED Operations

Part Number	Description	List
950-9820	Dual Channel Tone Local T/R Control Card <i>DTMF, 5/6 Tone, GE-Star and MDC-1200 ANI Decode is included.</i> <i>Now includes 950-9951 Memory Option which provides up to 4 seconds TX voice delay and MDC/GE-STAR squelch.</i>	4347
950-0851	M251 DC Remote Base Station Adapter <i>Adds DC Control to a Single-Frequency, Locally connected radio.</i>	954
950-0898	Dual Rack Mount Adapter Kit	90
905-0347	M250/251 Tone-to-DC Remote Base Station Adapter <i>Adds DC Control to a Multi-Frequency and/or Remotely connected radio.</i>	2793
950-1014	iDEN Handset PTT Interface for Local Conventional <i>Supports Tx, Rx and PTT.</i>	329
950-1015	M250 Tone Remote PTT iDEN Handset Interface <i>Supports Tx, Rx and PTT.</i>	844

iRIM (Intelligent Radio Interface Module)

Each iRIM supports up to two radios and requires one Tone/Local T/R Control Card per iRIM.

Part Number	Description	List
901-9630	KA iRIM (Intelligent Radio Interface Module) <i>Supports Kenwood TK-x80, TK-x180, TK-5x10 and NX-x00.</i>	3328
901-9637	EA iRIM (Intelligent Radio Interface Module) <i>Supports EFJohnson 5300 Series radios and compatible variants.</i>	4326
950-0589	Single Unit Rack Mount Option	122
950-0588	Dual Unit Rack Mount Option	170

Cards, Modules & Interface Kits only for IntegratorRD Operations

Part Number	Description	List
905-0432	Sprint Direct Connect Interface Kit	1652
950-1212	Sprint Direct Connect Dual Channel Control Card	4570
950-9862	iDEN® Dual Channel T/R Control Card <i>Maximum of 32 iDEN channels per system.</i>	4570
950-0915	iDEN® i325/i365 Direct Connect Wireless Radio Interface Module <i>Supports i325/i365/i365is - Direct connection also charges radio battery.</i> <i>Order one for each radio attached to 950-9862 (Max 2 per card).</i>	1616
950-1091	iSpace iDEN Dual Channel T/R Control Card <i>Maximum of 32 iDEN channels per system.</i>	4570
950-1078	iSpace iDEN® Radio Card Interface Module <i>Order one for each SyTech I-IDEN-C radio card attached to 950-1091.</i> <i>(Max 2 per card)</i>	1616
950-9867	Harris Wireless Dual Channel T/R Card	4984
950-9868	Harris Wireless Interface Module <i>Order one for each Orion, 500M Jaguar or M7100 radio attached to 950-9867.</i>	1158
950-0015	Dual Channel T/R Control Card (MAP27)	5734
950-0273	S4000 Model 427 MAP27 Wireless Interface Module <i>Order one for each M427 dispatcher port attached to 950-0015.</i> <i>(Max 2 per card)</i>	1034

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CONTROL AND ADAPTER CARDS

Part Number	Description	List
950-9692	System Traffic Card (M4020/4048 only)	3861
950-9695	Console Interface Card (M4020/4048 only) (1 Per Position)	5105
905-0229	Model 4020/4048 8 Patch Card	2825
905-0230	Model 4020/4048 16 Patch Card	3440
905-0231	Model 4020/4048 24 Patch Card	4076
950-0293	Auxiliary Input/Output Interface Card <i>Provides 12 relay controlled outputs, 8 opto-isolated inputs, and 32 non-isolated inputs. Includes input decoding for IRIG B signal as well as a power line based 60 Hz time keeping circuit. Requires 1 channel card slot for installation. Maximum of 6 Aux I/O cards per system.</i>	1845
950-0412	Empty Console Card Slot Cover (4020/4048)	100
950-0413	Empty Channel Card Slot Cover (4020/4048)	100

COMMON CONTROLLER OPTIONS

Integrator IRR (See 905-0247, PC-Based Instant Recall Recorder) is a Windows based software application that records Select audio and telephone audio (See 950-0833). Audio plays back through PC desktop speakers quoted separately.

Channel Check records audio from each channel card it is installed on and is played back through the audio panel/headset while the channel is idle.

Order both for systems with several radio channels or where IRR is critical.

Part Number	Description	List
930-0052	Channel Check -- Instant Recall Recorder Firmware Option <i>For use with Integrator IRR, 905-0247. Order one per Dual Channel Card. This option requires P/N 950-9951, S4000 Dual Channel Memory Option.</i>	1158
950-9951	S4000 Dual Channel Memory Option <i>Order one per Dual Channel Tone/Local T/R Control Card. Provides up to 4 seconds TX voice delay and MDC/GE-STAR squelch. Enables use of Channel Check IRR Option. Now Standard on 950-9820 Dual Channel Card.</i>	280

Telephone & Intercom Interface Options

Part Number	Description	List
901-9384	M4000 Phone Coupler <i>Brings one telephone line into the S4000 CCE and presents it as a radio channel for the purpose of radio-to-phone patching. Requires one channel of a Dual Channel Tone/Local T/R Control Card. Requires that a Patch Card must be present in the system.</i>	1587
950-9538	Telephone Interface Card, for S4000 Phone Coupler <i>Installs into S4000 Phone Coupler (901-9384) adding an additional interface for a second phone line. Maximum of 2 interfaces per Phone Coupler. Requires one channel of a Dual Channel Tone/Local T/R Control Card.</i>	1158
950-9609	Series 4000 Intercom Interface Option <i>Provides amplifier and routing circuitry for up to 12 remote intercom stations that are customer provided. Requires one channel of a Dual Channel Tone/Local T/R Control Card. Requires minimum one Auxiliary I/O Card.</i>	1366

STANDBY CONTROL SYSTEMS

Contact Zetron for assistance quoting a Standby Control Unit

Part Number	Description	List
901-9196	Standby System Controller. Automatic Switchover - Controls up to 6 Line Transfer Panels	2306
901-9197	Line Transfer Panel for Standby System Controller (6 Maximum) <i>Note: 1 required for each 25-Pair Cable</i>	1471
950-9380	Power Supply for Standby System Controller, 1 15VAC 50/60Hz. (Supports 1 Standby Control Unit and up to 6 Line Transfer Panels) <i>NOTE: Supports One Standby Control Unit and up to 6 Line Transfer Panels.</i>	472

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INSTALLATION COMPONENTS

Part Number	Description	List
905-0458	Model 6304 IP Console Gateway Bundle <i>Includes 2 gateways and cabling. Works with Integrator RD, 4018 and 4118 consoles.</i>	5051
905-0357	Model 6301 RoIP Gateway, Single Channel	1399
905-0358	Model 6302 RoIP Gateway, Dual Channel <i>Gateways work in pairs; order 2 per remote console or radio.</i>	2184
950-9222	Short Haul Modem	1781
709-0004	25-Pair Cables, RJ-21, M-F, 10ft [Baseline Product]	94
950-9351	Connectorized Punch Down Block	88*
950-9199	Connectorized Punch down Block (Protected) [Baseline Product]	891
901-9325	Deadbolt Lightning Surge Arrestor [Baseline Product]	313

tone REMOTE ADAPTER [Baseline Products]

Part Number	Description	List
901-9588	Model 250 Tone Remote Adapter	1044
709-7540	Generic Interface cable with flying leads	80
950-1017	Interface Kit for MOTOTRBO mobile radios <i>Supports Tx, Rx and PTT with some tone remote features.</i>	164
950-0328	Interface kit for Motorola GM 300/R1225	90
950-0329	Interface kit for Kenwood TKR-840 repeater	90
950-0330	Interface kit for Kenwood TK-690/790/890	90

MAINTENANCE ACCESSORIES

Part Number	Description	List
950-9767	Model 4048 STC Extender Card	686
950-9768	Model 4048 CIC/Patch Extender Card	686
950-0357	Series 4000 Extender Card	280
709-7452	S4000 Chanel Monitor RS-232 Cable (For programming Universal and Tone/Local Dual Channel Cards) <i>Included with CCE, this cable is for advanced programming of the Universal/Tone-Local Dual Channel Cards.</i>	94

SYSTEM DOCUMENTATION

Part Number	Description	List
025-9438	Model 4048 Service Manual	50
025-9455	Series 4000 Interface Cards Service Manual	50
025-9456	Series 4000 Dispatch Consoles Service Manual	50
025-9533	Series 4000 Installation & Configuration Manual	50
025-9535	Series 4000 Operation Manual	50
025-9589	Desktop Microphone Manual	50
025-9553	TRHI Manual	50
025-9585	Amplified 5W Speaker manual	50
395-0080	Accessory Manuals <i>(CD contains manuals for TRHI, Headset Jackbox, Desktop Microphone and Amplified 5W Speaker)</i>	25

OPERATOR POSITION UPGRADES

When ordering upgrades that include IntegratorRD and a PC, both will be configured at the factory if a configuration is provided. A new RS-422 serial interface kit may be needed if upgrading a console PC.

Part Number	Description	List
905-0177	IntegratorRD Software, M4217 / M4219 Firmware with PC Upgrade <i>(Includes a Zetron supplied replacement PC w/ RS-422 Serial Card)</i>	10396
905-0314	IntegratorRD v5 Software with PC Upgrade <i>(Includes a Zetron supplied replacement PC w/ RS-422 Serial Card)</i>	9861

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OPERATOR POSITION UPGRADES

905-0313	IntegratorRD Software Upgrade (For upgrading the existing consoles PC)	6035
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IntegratorRD Promotional Upgrade

"Free Software for Life" Promotional Upgrade
(Only for complete systems purchased between Nov 1, 2004 & Oct 31, 2006 - Requires System ID)

Part Number	Description	List
905-0315	IntegratorRD Software, M4217 / M4219 Firmware with PC Upgrade	4519

Audio Panel Replacement Kits

Part Number	Description	List
950-0776	M4217 Audio Panel Replacement Kit (Power Supply not included)	8795
905-0300	M4217 to M4219 Audio Interface w/Speakers & PS Conversion Kit	8795
901-9656	M4219 Console Audio Interface	7730

Console Firmware Upgrades

Part Number	Description	List
950-0511	M4217/M4219 Firmware	637
950-0183	M4018 Firmware	637
950-0190	M4118/Model 4116B Firmware	637
950-0993	M4010/4018/4118 28 pin Battery Replacement (Battery Socket) <i>Console batteries should be replaced every 5 years.</i>	116*

Upgrades for Purchased Software Options (Requires System ID)

Part Number	Description	List
930-0079	Extended Paging Package, J10 Upgrade Option (4018/4118)	0
930-0080	Instant Call Paging, J11 Upgrade Option (4018/4118)	N/C
930-0081	IntegratorRD Extended Paging Package, R01 Upgrade Option	N/C
930-0168	S4000 Integrator RD CAD Interface License	N/C
930-0170	S4000 Integrator RD MDC-1200 Feature License	N/C
930-0188	IntegratorRD Major Response Paging License	N/C
950-0775	Integrator IRR Software CDROM (license required)	N/C
930-0169	S4000 Integrator IRR Full Product License	N/C

COMMON CONTROL EQUIPMENT FIRMWARE UPGRADES

Controller and Adapter Card Firmware Upgrades

Part Number	Description	List
950-0466	System Traffic Card Firmware (STC) <i>Note: Only available for 950-9692 Revision E or higher STC cards. Revision D and below must be replaced.</i>	637
950-0467	M4020/4048 Console Interface Card Firmware	637
950-0414	M4020/4048 Patch Card Firmware	637
950-0189	Auxiliary I/O Card Firmware	637
950-0186	Dual Channel Universal & Tone/Local Firmware	637
950-0423	Dual Channel Card EDACS Orion Firmware	637
950-0416	Dual Channel Card (MAP27) Firmware	637
950-0417	Dual Channel Card iDEN Firmware	637
950-1080	Dual Channel Card iDEN iSpace Firmware	651
950-0711	Kenwood TK-x80 iRIM Firmware Upgrade	637
950-0737	Radio Interface Module EA Firmware Upgrade Option	637
950-1214	Dual Channel Card - Sprint Direct Connect Firmware	637

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CUSTOMER SUPPORT SERVICES (Non-Discountable)

Factory Training in Redmond, WA

Part Number	Description	List
X97-163F	Series 4000 Factory Technical Training, first person	1424**
X97-163A	Series 4000 Factory Technical Training, each additional person	709**
X97-163R	Series 4000 Factory Technical Training, authorized reseller	0**

Note: Tuition may be waived only on approval of Sales Territory Manager

On-site Operation and Technical Training

Part Number	Description	List
X98-163F	Series 4000 Onsite Training, first day	4303**
X98-163A	Series 4000 Onsite Training, each additional day	2867**
X98-9163	Instructor Travel, one day - S4000 <i>Add one day for any US or Canadian site within 10 hours round-trip travel (include airport check-in/out, flight, and drive time). Add two days for all other domestic sites. All international sites should be quoted on a case-by-case basis.</i>	1105**

On-site Technical Support

Part Number	Description	List
X93-163F	S4000 On-site Technical Support (First Day)	3310**
X93-163A	S4000 On-site Technical Support (Each Additional Day)	2205**
X93-9163	Technician Travel (One Day - S4000) <i>Add one day for any US or Canadian site within 10 hours round-trip travel (include airport check-in/out, flight, and drive time). Add two days for all other domestic sites. All international sites should be quoted on a case-by-case basis.</i>	1105**

EXTENDED LIMITED WARRANTY

Part Number	Description	List
X61-1163	Extended Limited Warranty per year for Years 2 to 5 (4% of System List Price) <i>4% of System List Price</i>	4% of SLP
X61-5163	Extended Limited Warranty for Coverage through Year 5 (14% of List Price) <i>14% of System List Price</i>	14% of SLP

COMPANION PRODUCTS [all are Baseline Products]

Computers:

Unless otherwise noted, PC products sold by Zetron are manufactured by Dell and include on-site warranty repair. When purchased with Zetron's system level products, Zetron software is pre-installed and tested on the PC prior to shipment.

Part Number	Description	List
950-1279	Windows Workstation PC <i>Replacement PC for IntegratorRD PC Workstations. (Included in PC-Based Operator Position Bundles)</i>	1818*
950-9447	Three-Button Trackball	90*
950-1294	4-Port Keyboard, Mouse and Audio Switch, USB <i>Enables users to interact with up to 4 computers using a single mouse. Includes IEC (North America) to Mains power cord. For others, see Mains Power Options. Suggest option 950-1295 LED Light Module Kit</i>	986*
950-1295	LED Light Module Kit <i>Provides an LED indicator at each screen to identify which screen is currently being controlled. Requires 950-1294</i>	329*

Computer PC Cards

Part Number	Description	List
802-5304	2-Port (DUAL DVI or VGA) PCI Express Video Card, 128 MB	307*
802-5301	4-Port Video Card (PCI bus)	641*
802-5307	4-Port Video Card (PCI Express)	641*
802-0435	RS-232 Serial Card, 2 ports (PCI bus)	69*
802-0256	RS-232 Serial Card, 2 ports (PCI Express)	69*

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Computer PC Cards

802-5002	Sound Card (PCI bus)	69*
802-5035	Sound Card (PCI Express)	69*

Computer LCD Monitors

Use Zetron speakers (905-0325) for monitoring select/unselect audio. Monitors with built-in speakers do not have individual volume controls. Touchscreen monitors require a USB port connection to the PC. Single-touch monitors are preferred over multi-touch monitors for Zetron systems.

Part Number	Description	List
802-0383	19" Anti-Glare Black LCD Monitor	302*
802-2311	23" Widescreen LCD Monitor	270*
950-1270	Single-Touch Standard LCD Monitor <i>Touchscreen by ELO; 19" SAW type</i>	1389*
950-1271	Single-Touch Widescreen LCD Monitor <i>Touchscreen by TechGlobal; 22" Capacitive type</i>	1988*

Computer Network

Part Number	Description	List
802-0331	8-port Ethernet Switch, Unmanaged	64*
950-1281	24 Port Managed Gigabit Rack Mount Switch	2060*
802-0329	1425 VA Desktop UPS	360*
802-0330	2250 VA Rack Mount UPS	2157*

Headsets/Handsets

Headsets

Wired and wireless headset adapters are dual-prong, unamplified devices without AGC and require a jackbox or TRHI. 6-Wire devices are equipped with an in-line PTT. Headset tops are over-the-ear, monaural headband styles with quick disconnects between the top and adapter. All devices are manufactured by Plantronics.

Part Number	Description	List
950-0454	Wireless Headset, 6-Wire, Noise Canceling (comes with 2 batteries) <i>Plantronics CA12CD-S improved belt-mounted PTT pack has secure battery retention and accepts Plantronics H-Series headset tops. Comes with a spare battery.</i>	914*
950-0032	Headset, 6-wire w/PTT, Noise Cancelling <i>Dual-prong adapter which includes one headset top.</i>	330*
950-0033	Headset 4-Wire, Noise Cancelling <i>Dual-prong adapter which includes one headset top</i>	248*
802-0115	Headset Top, Noise Cancelling	111*
802-0672	Handset, w/PTT, 9' coiled cord	151*
802-0673	Handset, 6-Wire w/PTT, 15' coiled cord	151*

RACKS & CABINETS

The Model 4020 and Model 4048 require a rack or cabinet for mounting.

Part Number	Description	List
802-0370	Rackmount, 12-outlet, 120 V Power Strip	85*
950-0083	19" W x 77" (44U) H x 23" D Rack Cabinet w/ locking doors	2563*

SPARES

Typical on-hand spares are listed below. A complete spares quote can be provided.

Spare Kits

Part Number	Description	List
951-9075	Console Position Spares Kit (M4118, M4217B)	1673
951-9060	Console Position Spares Kit (M4018)	1222

Spare CCE Components

Part Number	Description	List
950-9692	System Traffic Card (M4020/4048 only)	3861
950-9695	Console Interface Card (M4020/4048 only) (1 Per Position)	5105
905-0229	Model 4020/4048 8 Patch Card	2825
950-0293	Auxiliary Input/Output Interface Card	1845
950-9820	Dual Channel Tone Local T/R Control Card	4347
930-0052	Channel Check -- Instant Recall Recorder Firmware Option	1158
950-9951	S4000 Dual Channel Memory Option	280
901-9630	KA iRIM (Intelligent Radio Interface Module)	3328
901-9637	EA iRIM (Intelligent Radio Interface Module)	4326
950-0265	M4020 Redundant Power Supply	4584
950-9693	M4048 Power Supply	5935

Spare Position Components

Part Number	Description	List
950-9459	Gooseneck Microphone (for M4118, 4217B)	723
950-9314	Gooseneck Microphone for M4010 / M4018 Desktop Console Position	363
905-0386	Desktop Microphone, Shure With Cable to Tails	668
950-9102	Footswitch, Single w/ 10' cable	122
950-9327	Headset Jackbox	280
950-9439	Telephone/Radio Headset Interface (TRHI) (for all models)	1168
709-7350	Dual TRHI Connector Cable	108

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