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## 4100U Service Parts List, *Continued*

<b>Back Boxes/Accessories</b>			
<b>Service Part</b>	<b>Installation Instructions</b>	<b>Sales Feature PID</b>	<b>Description</b>
742-416	579-117	2975-9408	2-Bay Back Box – Red
742-418		2975-9409	3-Bay Back Box – Red
742-415		2975-9411	2-Bay Back Box – Beige
742-417		2975-9412	3-Bay Back Box – Beige
<b>Back Box Accessories</b>			
742-637	579-117	2975-9811	Semi-Flush Trim Band – Beige (fits 1, 2, and 3-bay boxes)
742-638		2975-9812	Semi-Flush Trim Band – Red (fits 1, 2, and 3-bay boxes)
<b>Doors and Dress Panels</b>			
742-454	579-117	4100-2102	2-Bay Glass Door & Dress Panels (Beige)
742-456		4100-2103	3-Bay Glass Door & Dress Panels (Beige)
742-460		4100-2112	2-Bay Solid Door (Beige)
742-462		4100-2113	3-Bay Solid Door (Beige)
742-453		4100-2122	2-Bay Glass Door & Dress Panels (Red)
742-455		4100-2123	3-Bay Glass Door & Dress Panels (Red)
742-459		4100-2132	2-Bay Solid Door (Red)
742-461		4100-2133	3-Bay Solid Door (Red)
<b>Rack-Mount Kits</b>			
742-741	579-229	4100-2140	Master Controller Rack Bay Mounting Kit
748-547		4100-2144	Rack-Mount PDM Mounting Kit
742-933	NA	4100-2145	Option Bay Mounting Kit
<b>Expansion Bays</b>			
742-839	574-848	4100-2300	Expansion Bay – 4100U Back Box
742-602	579-229	4100-2301	Expansion Bay – 4100U Legacy Back Box
See 579-773	579-773	See 579-773	4100U Retrofit Parts List for 2120/2001 Back Boxes

<b>IDNet and MAPNET II Modules</b>					
<b>Service Part</b>	<b>PC Board Assembly</b>	<b>Installation Instructions</b>	<b>Inter-connection Harness</b>	<b>Sales Feature PID</b>	<b>Description</b>
742-476	566-044	574-800	NA	4100-3101	IDNet Module – 250 Devices
742-696	562-976** & 562-974	579-222	734-071	4100-3102	MAPNET II Interface Module
N/A	562-974	579-222	734-071	NA	MAPNET II Power Supply
742-725	565-158**	579-514	733-677	4100-3103	MAPNET II /IDNet Quad Isolator Module (requires Firmware 1.03 or higher for IDNet)
742-817	566-329	574-800	NA	4100-3104	IDNet Module – 127 Devices
742-818	566-330			4100-3105	IDNet Module – 64 Devices
742-954	566-421			4100-3106	IDNet Module – QuickConnect2 (11.03)
<b>** Repaired Assemblies / PC Boards available by placing an 8 in front of the Service Part number or PC Board Assembly number</b>					

## 4100U Service Parts List, *Continued*

Suppression Release Peripherals & Options					
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description
699-150	NA	NA	NA	2975-9227	Red Enclosure (for use with 4090-9005)
742-964				4010-9830	Releasing Panel Applique - English
742-965				4010-9830CAF	Releasing Panel Applique - Canadian
742-950	566-104	579-385	NA	4090-9005	IDNet Suppression Release Peripheral
742-990				4090-9006	IDNet Suppression Release Peripheral with Enclosure
742-957	NA		NA	4090-9812	LED Option (for use with 4090-9005)

Communication Modules					
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description
743-132	566-440**	579-513	734-053	4100-3115	XA Loop Interface Card
742-701	565-516**	579-182	NA	4100-6014	Network Interface Card – Modular (includes 2 Wired Media Modules)
742-584	566-276**	579-194		4100-6030	Service Port Modem
742-403	565-999	574-839	733-952	4100-6031	City Module with Disconnect
742-404	566-078	574-839		4100-6032	City Module without Disconnect
742-402	566-058	574-839		4100-6033	Alarm Relay Card
742-648	NA	579-195	734-053	4100-6034	Tamper Switch with IDNet IAM
742-702	565-649**	579-184	733-808	4100-6036	Physical Bridge – Style - 4 (includes 1 Modem Media & 2 Wired Media Modules)
742-703	565-649** & 565-713	579-184		4100-6037	Physical Bridge – Style – 7 (includes 2 Modem Media & 2 Wired Media Modules)
742-704	565-415**	579-221	NA	4100-6038	Dual RS232 Interface Card
742-711	565-270	574-037		4100-6045	Decoder Module
742-714	565-744	574-050		4100-6048	VESDA Interface Kit
742-700	566-158	574-836	733-929	4100-6052	Event and Point Reporting DACT
742-841	566-338**	574-046	NA	4100-6055	Dial-In Service Modem
742-619	565-413	579-182 & 579-184		4100-6056	Network Media Card – Wired
742-620	566-376**	579-182 & 579-184		4100-6057	Network Media Card – Fiber Optic (Replacement for 565-261)
742-896	566-355	579-349	NA	4100-6060	Fire Panel Internet Interface (SafeLINC)
743-278	566-587	579-575	734-165	4100-6062	TFX Network Interface Assembly
743-264	566-571**	579-581	NA	4100-6063	Fiber Optic Modem
	566-573**				Fiber Optic - Left Port
743-262	566-571**	579-581	NA	4100-6064	Fiber Optic Modem
	566-574**				Fiber Optic - Right Port
742-394	566-149**	574-918	734-206	4100-7151	Master Controller PC Assembly
742-699	566-132	574-913	733-572	4100-9816	Master Clock Interface Kit
<b>** Repaired Assemblies / PC Boards available by placing an 8 in front of the Service Part number or PC Board Assembly number</b>					

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## 4100U Service Parts List, *Continued*

Communication Modules (continued)					
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description
565-713	565-713	579-184	733-808	NA	Network Media Mounting Adapter
742-516	566-227	574-912	NA	NA	CPU Motherboard
742-590	566-284	574-925	734-033 & 734-026	NA	2X40 Master Operator Interface
742-859	566-338**	579-184	NA	NA	Physical Bridge Card Modem Media
566-670	566-670	579-581	734-191		Fiber Modem Audio Expansion Card
<b>** Repaired Assemblies / PC Boards available by placing an 8 in front of the Service Part number or PC Board Assembly number</b>					

Relay Modules					
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description
742-722	562-760	579-220	NA	4100-3201	4-Point (2-Amp) Auxiliary Relay Module (Legacy)
742-723	562-951			4100-3202	4-Point (10-Amp) Auxiliary Relay Module (Legacy)
742-724	565-045			4100-3203	8-Point (3-Amp) Auxiliary Relay Module (Legacy)
742-948	566-401			4100-3204	4-Point (2-Amp) Auxiliary Relay Module 4x5 (11.03)
742-949	566-403			4100-3206	8-Point (2-Amp) Auxiliary Relay Module 4x5 (11.03)
<b>** Repaired Assemblies / PC Boards available by placing an 8 in front of the Service Part number or PC Board Assembly number</b>					

Zone Modules					
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description
742-655	565-226	579-205	NA	4100-5005	8-Point Zone Module - Class B
742-721	565-231			4100-5015	8-Point Zone Module - Class A

## 4100U Service Parts List, *Continued*

Audio Modules					
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description
					<b>Analog Modules</b>
742-517	566-218**	579-159	NA	4100-1210	Audio Controller Board - Analog
742-794**	566-208	579-173		4100-1212*	Analog Flex 50 Watt Amplifier w/3 Class B NACs - 25V RMS (Service Replacement Only)
742-795**	566-208			4100-1213*	Analog Flex 50 Watt Amplifier w/3 Class B NACs - 70V RMS (Service Replacement Only)
742-541	566-205**	NA	NA	N/A	Analog 100 Watt Amplifier w/ 6 Class B NACs (Amp PC Board Only)
742-542	566-206	NA	NA	N/A	Analog 100 Watt Amplifier w/ 6 Class B NACs Canada (Amp PC Board Only)
742-550**	566-205**	579-174	NA	4100-1214* 4100-1220BU	Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 25V RMS (Service Replacement Only)
742-551**	566-205**			4100-1215* 4100-1221BU	Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 70V RMS (Service Replacement Only)
742-552	566-206			4100-1216* 4100-1222BU	Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 25V RMS Canada (Service Replacement Only)
742-553	566-206			4100-1217* 4100-1223BU	Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 70V RMS Canada (Service Replacement Only)
742-554	566-205**			4100-1218* 4100-1224BU	Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 220/230/240VAC, 25V RMS (Service Replacement Only)
742-555	566-205**			4100-1219* 4100-1225BU	Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 220/230/240VAC, 70V RMS (Service Replacement Only)
742-934	565-492			579-371	734-099
	562-727	734-098	Motherboard - Class A		
742-937	565-492	734-099	4100-1257		Paging Interface Card (PIC) - PCA Only
	562-856	734-098			Motherboard - Class B
565-994	565-994	579-371	NA	NA	Matching Transformer Assy (for PIC, used with mounting plate 637-614)
637-614	NA	579-371		NA	Mounting Plate (for PIC Matching Transformer Assy 565-994)
743-001**	566-208	579-173		4100-1261*	Analog Flex 35 Watt Amplifier w/3 Class B NACs - 25V RMS (Service Replacement Only)
743-002			4100-1262*	Analog Flex 35 Watt Amplifier w/3 Class B NACs - 70V RMS (Service Replacement Only)	
<p>* <b>Discontinued Feature PID. Available as Service Part Only</b>  ** <b>Repaired Assemblies / PC Boards available by placing an 8 in front of the Service Part number or PC Board Assembly number</b></p>					

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## 4100U Service Parts List, *Continued*

Audio Modules (continued)					
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description
					<b>Analog Modules (continued)</b>
743-436**	566-523	579-173	NA	4100-1312	Analog Flex 50 Watt Amplifier w/3 Class B NACs - 25V RMS w/ Constant Supervision (11.08)
743-437**	566-523			4100-1313	Analog Flex 50 Watt Amplifier w/3 Class B NACs - 70V RMS w/ Constant Supervision (11.08)
743-457	566-521**	NA		NA	Analog 100 Watt Amplifier, w/ 6 Class B NACs , and Constant Supervision (11.08) (Amp PC Board Only)
743-458	566-524**	NA		NA	Analog 100 Watt Amplifier, w/ 6 Class B NACs, and Constant Supervision (11.08) Canada (Amp PC Board Only)
743-438**	566-521**	579-174		4100-1314 4100-1320BU	Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 25V RMS w/ Constant Supervision (11.08)
743-439**	566-521**			4100-1315 4100-1321BU	Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 70V RMS w/ Constant Supervision (11.08)
743-440	566-524**			4100-1316 4100-1322BU	Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 25V RMS Canada w/ Constant Supervision (11.08)
743-441	566-524**			4100-1317 4100-1323BU	Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 70V RMS Canada w/ Constant Supervision (11.08)
743-442	566-521**			4100-1318 4100-1324BU	Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 220/230/240VAC, 25V RMS w/ Constant Supervision (11.08)
743-443	566-521**			4100-1319 4100-1325BU	Analog 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 220/230/240VAC, 70V RMS w/ Constant Supervision (11.08)
743-444**	566-523		579-173	NA	4100-1361
743-445**	566-523	4100-1362			Analog Flex 35 Watt Amplifier w/3 Class B NACs - 70V RMS w/ Constant Supervision
<p>* <b>Discontinued Sales Feature PID. Available as Service Part Only</b></p> <p>** <b>Repaired Assemblies / PC Boards available by placing an 8 in front of the Service Part number or PC Board Assembly number</b></p>					

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## 4100U Service Parts List, *Continued*

Audio Modules (continued)					
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description
					<b>Digital Modules</b>
742-387	566-033**	579-159	NA	4100-1211*	Audio Controller Board – Digital (Service Replacement Only)
742-796**	566-208 & 566-223	579-173		4100-1226*	Digital Flex 50 Watt Amplifier w/3 Class B NACs - 25V RMS (Service Replacement Only)
742-797**	566-208 & 566-223			4100-1227*	Digital Flex 50 Watt Amplifier w/3 Class B NACs - 70V RMS (Service Replacement Only)
742-544**	566-205** & 566-223			579-174	4100-1228* 4100-1234BU
742-545**	566-205** & 566-223	4100-1229* 4100-1235BU			Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 120VAC, 70V RMS (Service Replacement Only)
742-546	566-206 & 566-223	4100-1230* 4100-1236BU			Digital 95 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 120VAC, 25V RMS Canada (Service Replacement Only)
742-547	566-206 & 566-223	4100-1231* 4100-1237BU			Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 120VAC, 70V RMS Canada (Service Replacement Only)
742-548	566-205** & 566-223	4100-1232* 4100-1238BU			Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 220/230/240VAC, 25V RMS (Service Replacement Only)
742-549	566-205** & 566-223	4100-1233* 4100-1239BU			Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 220/230/240VAC, 70V RMS (Service Replacement Only)
743-003	566-208 & 566-223	579-173			4100-1263*
743-004**	566-208 & 566-223			4100-1264*	Digital Flex 35 Watt Amplifier w/3 Class B NACs – 70V RMS (Service Replacement Only)
743-446	566-409**	579-159		4100-1311	Audio Controller Board w/ CRC – Digital (11.08)
743-447**	566-223, 566-523, & 566-559	579-173		4100-1326	Digital Flex 50 Watt Amplifier w/3 Class B NACs - 25V RMS w/ Constant Supervision (11.08)
743-448**	566-223, 566-523, & 566-559			4100-1327	Digital Flex 50 Watt Amplifier w/3 Class B NACs - 70V RMS w/ Constant Supervision (11.08)
743-449**	566-521** & 566-223	579-174		4100-1328* 4100-1334BU	Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs - 120VAC, 25V RMS w/Constant Supervision (11.08)
<p>* <b>Discontinued Feature PID. Available as Service Part Only</b>  ** <b>Repaired Assemblies / PC Boards available by placing an 8 in front of the Service Part number or PC Board Assembly number</b></p>					

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## 4100U Service Parts List, *Continued*

Audio Modules (continued)					
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description
					<b>Digital Modules (continued)</b>
743-450**	566-521** & 566-223	579-174	NA	4100-1329 4100-1335BU	Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 120VAC, 70V RMS w/Constant Supervision (11.08)
743-451	566-524** & 566-223			4100-1330 4100-1336BU	Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 120VAC, 25V RMS Canada w/Constant Supervision (11.08)
743-452	566-524** & 566-223			4100-1331 4100-1337BU	Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 120VAC, 70V RMS Canada w/Constant Supervision (11.08)
743-453	566-521** & 566-223			4100-1332 4100-1338BU	Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 220/230/240VAC, 25V RMS w/Constant Supervision (11.08)
743-454	566-521** & 566-223			4100-1333 4100-1339BU	Digital 100 Watt Amplifier w/Pwr Supply and 6 Class B NACs – 220/230/240VAC, 70V RMS w/ Constant Supervision (11.08)
743-455**	566-223, 566-523, & 566-559	579-173		4100-1363	Digital Flex 35 Watt Amplifier w/3 Class B NACs – 25V RMS w/Constant Supervision (11.08)
743-456**	566-223, 566-523, & 566-559			4100-1364	Digital Flex 35 Watt Amplifier w/3 Class B NACs – 70V RMS w/Constant Supervision (11.08)
					<b>Audio Option Modules</b>
742-522	566-249	574-844	NA	4100-0623	Network Audio Riser Controller
742-388	566-037	579-160	734-048	4100-1240	Auxiliary Audio Input Board
742-518	566-357	579-172	NA	4100-1241	Message Expansion Board (8 Min. [4MB])
742-393	566-362			4100-1242	Message Expansion Board (32 Min. [16MB])
742-523	NA	579-168	734-042	4100-1243	Microphone Module
742-821	NA	579-168	NA	4100-1244	Remote Microphone Module
742-540	566-221	579-175	NA	4100-1245	Flex 50 Expansion NAC Board w/3 Class B NACs
742-539	566-220			4100-1246	Flex 50 Class A Adapter
742-524	566-221			4100-1248	100 Watt Expansion NAC Board w/6 Class B NACs (includes 2, 566-221 modules)
742-543	566-220			4100-1249	100 Watt Class A Adapter
742-798	566-316	579-168	NA	4100-1252	1-Channel Audio Operator Interface Module
742-801	566-316			4100-1253	1.5-Channel Audio Operator Interface Mod.
742-799	566-317			4100-1254	2-Channel Audio Operator Interface Module
742-800	566-318			4100-1255	3 – 8-Channel Audio Operator Interface Module
742-939	NA	NA	734-102 & 734-103	4100-1258	NPU/4100U Audio Interconnection Module
** Repaired Assemblies / PC Boards available by placing an 8 in front of the Service Part number or PC Board Assembly number					

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## 4100U Service Parts List, *Continued*

Audio Modules (continued)								
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description			
					<b>Audio Option Modules (continued)</b>			
743-163	566-491	579-515	NA	4100-1259	Constant Supervision NAC 25V w/3 Class A/B NACs for 4100-13xx Amplifiers (11.08)			
743-164	566-492**			4100-1260	Constant Supervision NAC 70V w/3 Class A/B NACs for 4100-13xx Amplifiers and 4100-5116 XSIG (11.08)			
743-238	566-510	579-571	733-953	4100-1265	Degraded Fail Safe Microphone – Master (11.08)			
743-302	566-598	579-175	NA	4100-1266	Expansion Signal Card Class B Expander (XNAC) (11.08)			
743-303	566-220			4100-1267	Expansion Signal Card Class A Adapter (11.08)			
743-304	566-492**	579-515		4100-1268	Constant Supervision NAC – 25V RMS for use with 4100-5116 Expansion Signal Card (11.08)			
743-306	566-510	579-571	733-953	4100-1269	Degraded Fail Safe Microphone – Slave (11.08)			
743-159	566-489	579-516	NA	4100-5116	Expansion Signal Card w/3 Class B NACs (11.08)			
618-019	618-019	574-795	734-114, 734-115, & 734-116	4190-9011	Master Fiber Optic Audio Modem			
618-020	618-020	574-795	733-579	4190-9012	Slave Fiber Optic Audio Modem			
742-986	NA	574-795	NA	4190-9014	Voice Fiber Modem Mounting Kit (for use with 4190-9011, -9012)			
275-002	NA	NA		NA	NA	Microphone Only (Noise Canceling)		
635-946	NA					Microphone Only		
566-223	566-223					Digital Audio Decoder		
565-457	565-457					NPU Audio Interface Board		
566-559	566-559					Flex Amplifier Mezzanine Card		
742-302	565-919					574-878	Audio Isolation Transformer	
454-135	NA	NA				NA	NA	Keypad 2 Pos SPDT for DFSM Assy
** Repaired Assemblies / PC Boards available by placing an 8 in front of the Service Part number or PC Board Assembly number								

## 4100U Service Parts List, *Continued*

Firefighter Phone Modules/Accessories						
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description	
742-865	566-127 566-286	579-226	734-055	4100-1270	Master Telephone with Phone Card and 3 NACs	
742-597	NA	579-226	NA	4100-1271	Remote Master Phone - includes mounting hardware	
742-600	566-127	579-226		4100-1272	Expansion Phone Card	
742-599	566-131	579-226		4100-1273	Telephone Class A NAC Adapter Module	
566-286	566-286	NA		NA		Master Phone Interface Board
637-254	NA	NA				Master/Remote Phone Enclosure Only
637-258	NA	NA				Actuator - 4100U Phone
625-220	NA	NA				Telephone Handset (for Master/Remote Phone)
					<b>Accessories</b>	
629-750	NA	NA	NA	2084-9001	Remote Phone Jack station	
625-219	NA			2084-9014	Standard Red Pluggable Phone w/Jack	
636-128	565-106			2084-9023	Remote Phone Jack Station w/Call-In LED	
625-218	NA			2084-9024	Push-to-Talk Red Pluggable Phone w/Jack	

Transponder Interface Modules					
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description
742-520	566-093	574-844	NA	4100-0620	Basic Transponder Interface Module
742-534	566-242	574-844	733-997	4100-0621	Analog Audio Riser Module
742-535	566-407**	574-844	733-997	4100-0622	Digital Audio Riser Module w/ CRC
742-521	566-094	574-844	NA	4100-0625	Local Mode Transponder Interface Module
742-695	NA	579-248	NA	4100-0632	Terminal Block Utility Module
742-738	NA	579-195	734-054	4100-0633	Tamper Switch - Transponder Cabinet
743-081	566-141	579-271	734-078	4100-9611	Basic Remote Annunciator , Includes Bay Assy with PDI and a remotely powered Transponder Interface Card
NA	NA	579-343	NA	4601-9108	Local Mode Controller - Flush Mount Red
				4601-9109	Local Mode Controller - Surface Mount Red (includes matching box)
				4601-9110	Local Mode Controller - Flush Mount Beige
				4601-9111	Local Mode Controller - Surface Mount Beige (includes matching box)
NA	566-243	574-844	733-997	N/A	Digital Audio Riser Module (Service Replacement Only)
<b>** Repaired Assemblies / PC Boards available by placing an 8 in front of the Service Part number or PC Board Assembly number</b>					

## 4100U Service Parts List, *Continued*

Annunciator Modules/Accessories						
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description	
742-982	566-432	574-843	166-226/227	4100-1276	8 Red Pluggable LED Module (11.03)	
742-983	566-433	574-843		4100-1277	16 Red/Yellow Pluggable LED Module (11.03)	
742-977	566-430	574-843		4100-1278	16-Switch, 16 Red/Yellow LED Module	
742-519	N/A	574-843	NA	4100-1279	2-inch (51mm) Blank Display Module	
742-509	566-239	574-843	166-226/227	4100-1280	8-Switch, 8 Red LED Module	
742-508	566-123	574-843		4100-1281	8-Switch, 8 Yellow LED Module	
742-408	566-091	574-843		4100-1282	8-Switch, 16 Red/Yellow LED Module	
742-409	566-122	574-843		4100-1283	8-Switch, 16 Yellow LED Module	
742-407	566-092	574-843		4100-1284	8-Switch, 16 Red/Green LED Module	
742-507	566-238	574-843		4100-1285	16-Switch, 16 Red LED Module	
742-514	566-235	574-843		4100-1286	HOA Module (English Text) with 24 Switches, 24 Red/Green LEDs	
742-506	566-236	574-843		4100-1287	24-Switch, 24 Red LED Module	
742-410	566-060	574-843		NA	4100-1288	64/64 LED/Switch Controller Module w/mounting plate
742-626	566-060	574-843			4100-1289	Expansion 64/64 LED/Switch Controller Module
742-726	562-789** & 562-858	579-183	4100-1290		24-Point Graphic I/O Module	
742-727	565-217 & 562-856	579-213	4100-1291		Remote Unit Interface	
742-737	NA	579-265	4100-1292		Remote Command Center (includes 4603-9101 LCD Annunciator & Front Panel Assy)	
742-739	637-413	579-249	4100-1293		Panel-Mounted Printer	
742-874	566-235	574-843	166-226/227		4100-1295	HOA Module (No Text) with 24 Switches, 24 Red/Green LEDs
742-887	566-351	574-843		4100-1296	8-Switch 16 Green/Yellow LED Module	
742-987	NA	NA	NA	4100-9843	LED Kit - 8 Yellow LEDs (11.03)	
742-988	NA			4100-9844	LED Kit - 8 Green LEDs (11.03)	
742-989	NA			4100-9845	LED Kit - 8 Red LEDs (11.03)	
562-876**	562-876**			4602-9101	Remote Command Unit (RCU)	
562-817	562-817			4602-9102	Status Command Center (SCU)	
NA	NA			NA	NA	4603-9101
274-240	NA	Red LED				
274-241	NA	Yellow LED				
274-242	NA	Green LED				
274-311	NA	LED – Suppression Release Peripheral				
454-101	NA	Key (for RCU and LCD Annunciator)				
454-130	NA	Keypad (for RCU and LCD Annunciator)				
565-078	565-078	CPU Board (for 4603-9101 LCD Annunciator)				
565-329**	565-329**	Display Board (for 4603-9101 LCD Annunciator)				
636-409	636-409	Overlay (for 4603-9101 LCD Annunciator)				

## 4100U Service Parts List, *Continued*

Power Supplies/Chargers/Expansion Modules						
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description	
					<b>Power Supplies</b>	
742-816	565-166	574-123	733-940 & 733-941	4100-0156	8V DC Converter	
742-396	566-246	574-923	NA	4100-0634	Power Distribution Module (120 volts)	
742-513	566-248			4100-0635	Power Distribution Module (220/230/240 volts)	
742-383**	566-075			574-772	4100-5101	Expansion Pwr Supply (XPS) w/3 Built-in Class A/B NACs - 120VAC 60Hz
742-384	566-075			574-772	4100-5102	Expansion Pwr Supply (XPS) w/3 Built-in Class A/B NACs – 220/230/240VAC 50/60Hz
742-385	566-076				4100-5103	Expansion Pwr Supply (XPS) w/3 Built-in Class A/B NACs – 120VAC 60Hz – Canada
742-342	566-071**			574-911	733-996	NA
742-343	566-072	574-911	733-996	NA	System Pwr Supply (SPS) PCA (Canada) ( SPS PC board only)	
742-631**	566-071**	579-246	NA	4100-5111	Expansion System Pwr Supply (SPS) w/3 Class A/B NACs, IDNet Channel & Charger - 120VAC 60Hz (mounts to PDI)	
742-632	566-072	579-246		4100-5112	Expansion System Pwr Supply (SPS) w/3 Class A/B NACs, IDNet Channel & Charger – 120VAC 60Hz (mounts to PDI) – Canada	
742-633	566-071**	579-246	NA	4100-5113	Expansion System Pwr Supply (SPS) w/3 Class A/B NACs, IDNet Channel & Charger – 220/230/240 VAC 50/60Hz (mounts to PDI)	
742-659**	566-323**	579-336		4100-5120	TrueAlert Pwr Supply (TPS) w/3 Class B Channels – 120VAC 60Hz	
742-660	566-324			4100-5121	TrueAlert Pwr Supply (TPS) w/3 Class B Channels – 120VAC 60Hz – Canada	
742-661	566-323**			4100-5122	TrueAlert Pwr Supply (TPS) w/3 Class B Channels – 220/230/240VAC 50/60Hz	
742-628**	566-277**	579-246		4100-5125	Remote Pwr Supply (RPS) w/3 Class A/B NACs & Charger 120VAC 60Hz	
742-629	566-278			4100-5126	Remote Pwr Supply (RPS) w/3 Class A/B NACs & Charger 120VAC 60Hz – Canada	
742-630	566-277**			4100-5127	Remote Pwr Supply (RPS) w/3 Class A/B NACs & Charger 220/230/240VAC 50/60Hz	
742-718	565-215			579-218	4100-5152	12V 2A Power Option
740-802	NA	NA			4100-6005	Universal Power Supply (for Legacy Upgrade)
<b>** Repaired Assemblies / PC Boards available by placing an 8 in front of the Service Part number or PC Board Assembly number</b>						

*Continued on next page*

## 4100U Service Parts List, *Continued*

Power Supplies/Chargers/Expansion Modules (continued)						
Service Part	PC Board Assembly	Installation Instructions	Inter-connection Harness	Sales Feature PID	Description	
					<b>External Chargers</b>	
637-029	566-320**	579-268	734-082 & 734-023	4081-9306	120V External Battery Cabinet with Charger for 110 Ah Batteries – Red	
637-030				4081-9308	220/230/240V External Battery Cabinet with Charger for 110 Ah Batteries – Red	
					<b>Optional Modules</b>	
742-840	N/A	575-978		4100-0650	Battery Shelf for use with 50 AH Batteries	
743-302	566-598	579-175	NA	4100-1266	Expansion Signal Card - 3 NACs Class B Expander (XNAC)	
743-303	566-220			4100-1267	Expansion Signal Card, Class A Adapter	
742-386	566-025	574-772		4100-5115	Expansion NAC Module (XPS) – 3 NACs	
743-159	566-489	579-516		4100-5116	Expansion Signal Card (XSIG Card)	
742-662	566-326	579-336		4100-5124	TrueAlert Class “A” Adapter Module	
742-843	450-323	579-332		4100-5128	Battery Distribution Termination Module	
742-351	566-084	574-910		NA	Power Distribution Interface (PDI)	
** Repaired Assemblies / PC Boards available by placing an 8 in front of the Service Part number or PC Board Assembly number						

Transformers	
Service Part	Description
478-352	120VAC Transformer – (SPS, XPS, RPS, TPS, 100 Watt Amp)
478-353	220VAC Transformer – (SPS, XPS, RPS, TPS, 100 Watt Amp)
478-362	25V Transformer for Flex50 Amplifier
478-361	70V Transformer for Flex50 Amplifier
478-369	25V Transformer for 100 Watt Amplifier (4100-1214, -1216, -1218, -1220, -1222, -1224, -1228, -1230, -1232, -1234, -1236, & -1238)
478-370	70V Transformer for 100 Watt Amplifier (replaces 478-363)
478-384	25V Transformer for 100 Watt Amplifier (4100-1314, -1316, -1318, -1320, -1322, -1324, -1328, -1330, -1332, -1334, -1336, & -1338)

Batteries		
Service Part	Sales Feature PID	Description
112-112	2081-9272	Battery (6.2 Ah)
112-113	2081-9274	Battery (10 Ah)
112-046	2081-9275	Battery (18.8 Ah)
112-053	2081-9276	Battery (33 Ah)
112-123	2081-9279	Battery (110 Ah)
112-134	2081-9287	Battery (25 Ah)
112-133	2081-9288	Battery (12.7 Ah)
NA	2081-9296	Battery (50 Ah)

## 4100U Service Parts List, *Continued*

<b>Resistors/Resistor Harnesses</b>			
<b>Service Part</b>	<b>Harness</b>	<b>Sales Feature PID</b>	<b>Description</b>
<b>Active Circuit End-of-Line Resistors</b>			
742-242	733-892	4081-9001	EOL Harness 2.2K ½W 5%
742-243	733-893	4081-9002	EOL Harness 3.3K 1W 5%
742-244	733-896	4081-9003	EOL Harness 4.7K ½W 5%
742-245	733-886	4081-9004	EOL Harness 6.8K ½W 5%
742-247	733-984	4081-9005	EOL Harness 1.8K ½W 5%
742-248	733-890	4081-9006	EOL Harness 560 OHM 1W 5%
742-249	733-891	4081-9007	EOL Harness 1.2K 1W 5%
742-250	733-894	4081-9008	EOL Harness 10K ½W 5%
742-251	733-912	4081-9009	EOL Harness 20 OHM 1W 5%
742-252	733-973	4081-9010	EOL Harness 1K 1W 5%
742-253	733-974	4081-9011	EOL Harness 100 OHM ½W 5%
742-254	733-985	4081-9012	EOL Harness 22K ½W 5%
742-828	734-086	4081-9013	EOL Harness 4.9K ½W 1%
743-236	734-168	4081-9018	EOL Harness 10K 1W 5% (for 70V RMS CSNACs)
<b>Unused Circuit End-of-Line Resistors</b>			
378-017	NA	NA	3.3K OHM 1W 5%
378-030			10K OHM ½W 5%
378-038			2.2K OHM ½W 5%
378-045			4.7K OHM ½W 5%
378-058			6.8K OHM ½W 5%
378-073			22K OHM ½W 5%
378-090			8.2K OHM ½W 5%
<b>Miscellaneous Resistors</b>			
378-022	NA	NA	100K OHM
378-046			5.6K OHM
378-069			12K OHM
378-093			1K OHM
378-253			2K OHM (for Graphic I/O)
378-356			390 OHM
378-371			0 OHM
382-110			20 OHM (for Graphic I/O)

## 4100U Service Parts List, *Continued*

<b>Harness Assemblies</b>	
<b>Service Part</b>	<b>Description</b>
166-226	Harness, Ribbon – LED/Switch Display Card 2” (51 mm)
166-227	Harness, Ribbon – LED/Switch Display Card 6” (152 mm)
166-271	Harness, Ribbon – LED/Switch Display Card 14.5”
166-568	Amplifier NAC Expansion 20 Position Header Connector
166-584	Phone Class “A” Adapter 12 Position Header Stacker
733-525	Harness, Legacy Pwr/Comm Bay to Bay
733-532	Harness, 11 ft. (3.35 m) 2-wire 10 Ga. (Red/Black) Battery Block Interconnection
733-542	Harness, Legacy Pwr/Comm Box to Box 74” (1880 mm)
733-571	Harness, Harness, Vesda Interface
733-572	Harness, for 4100-9808, -9816 Master Clock Interface Kit
733-579	Harness, Interconnect for 4190-9012 Slave Fiber Optic Audio Modem
733-621	Harness, Legacy 4100 battery block to battery
733-677	Harness, MAPNET Isolator Module
733-734	Harness, Panel Printer Signal Power
733-808	Harness, Ribbon – Harness for Modem Modules
733-929	Harness, Legacy 4100 for SDACT Pwr/Comm
733-940	Harness, 8-Volt Power/Comm – for 4100-0156 8-Volt Converter
733-941	Harness, 8-Volt – for 4100-0156 8-Volt Converter
733-952	Harness, Ribbon – City/Relay Module to SPS
733-953	Harness, DFSM to Audio Controller
733-996	Harness, SPS to 4100U CPU Motherboard
733-997	Harness, Ribbon – Audio Riser to Transponder Interface Card
733-998	Harness, XPS PCA to PDI
734-005	Harness, Flex Amplifier PCA to PDI
734-008	Harness, PDI Power/Comm Bay to Bay, 24” (610 mm)
734-012	Harness, SPS/RPS/XPS/TPS to PDM AC/Battery 120V
734-013	Harness, SPS/RPS/XPS/TPS to PDM AC/Battery 220V
734-015	Harness, PDM to battery 24” (610 mm) (used with back plane mounted PDM)
734-023	Harness, 4081 Battery w/o Fuse
734-026	Harness, Ribbon – 4100U CPU to Front Display Service port
734-033	Harness, Ribbon – 4100U CPU to 2X40 Operator Interface
734-036	Harness, 64/64 Controller to Expansion 64/64 Controller Pwr/Comm
734-040	Harness, 100W Amp – PDI Backplane to Amp PCA
734-042	Harness, Master Microphone/Local Spkr to Audio Controller
734-048	Harness, Ribbon – Audio Input Option Board to Audio Controller
734-049	Harness, SPS/RPS/XPS/TPS AC pwr – for 4100 legacy box installation
734-050	Harness, SPS/RPS/XPS/TPS Battery – for 4100 legacy box installation
734-051	Harness, SPS/RPS/TPS PCA to PDI
734-052	Harness, Audio Bay to Bay
734-053	Harness, Tamper Switch to IAM
734-054	Harness, Tamper Switch – Transponder
734-055	Harness, Master Phone P2 to Expansion Phone Card P3

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## 4100U Service Parts List, *Continued*

<b>Harness Assemblies (continued)</b>	
<b>Service Part</b>	<b>Description</b>
734-056	Harness, Panel Mounted Printer RS232
734-057	Harness, Panel Mounted Printer Power
734-071	Harness, MAPNET Power Jumper P3 to P4
734-072	Harness, PDM to battery 40" (1016 mm) (used with side wall mounted PDM and Rack Mount Kit 4100-2144)
734-073	Harness, Redundant CPU Power/Comm
734-074	Harness, Redundant CPU Backup
734-075	Harness, Power/Comm Box to Box (4100-0636)
734-076	Harness, Audio Box to Box (4100-0637)
734-078	Harness, 4100U TIC to Legacy Pwr/Comm
734-080	Harness, Flex Amp Transistor PCA to Amp PCA
734-081	Harness, Pwr/Comm 4020 Upgrade Kit
734-082	Harness, 4081 Battery with Fuse
734-083	Harness, 4081 Communication to 4100U PDI
734-084	Harness, Legacy to PDI Pwr/Comm Bay to Bay
734-085	Harness, Ribbon – 4100 Legacy Upgrade CPU to 2X40 Operator Interface
734-087	Harness, Legacy to PDI Pwr/Comm Box to Box
734-088	Harness, PDI Pwr/Comm Remote Command Center 35" (889 mm)
734-091	Harness, PDM Varistor
734-095	Harness, Additional 24V for Legacy Modules (4100-0638)
734-098	Harness, Paging Interface Module
734-099	Harness, Transformer to Paging Interface
734-100	Harness, Resistor – Paging Interface Module
734-101	Harness, Series Resistor Paging Interface Module
734-102	Harness, NPU/4100U Microphone/Local Speaker
734-103	Harness, NPU/4100U Firefighter Phone
734-104	Harness, Ground Strap 12 AWG - for Rack Mount Kit 4100-2144
734-114	Harness, Channel 1 only – for 4190-9011 Master Fiber Optic Audio Modem
734-115	Harness, Channel 2 only – for 4190-9011 Master Fiber Optic Audio Modem
734-116	Harness, Channel 1 and 2 – for 4190-9011 Master Fiber Optic Audio Modem (requires 2 Master Audio Modems)
734-165	Harness, TFX Interface to TLT-530 Network Module
734-167	Harness, Modified Audio Bay-to-Bay (NAA)
734-183	Digital Audio Riser Termination Plug
734-191	Harness, for Fiber Modem Audio Expansion Card
742-802	Harness, Redundant CPU – CPU Switcher Card Assembly
742-803	Harness, Redundant CPU – Class B Motherboard Assembly

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## 4100U Service Parts List, *Continued*

Miscellaneous Modules/Accessories/Hardware			
Service Part	Harness	Sales Feature PID	Description
			<b>Modules</b>
740-688	NA	2080-9031	Potted Module for PVCS
374-123	NA	NA	Power Rectifier – (SPS, XPS, RPS, TPS, 100 Watt Amp)
562-727			Motherboard, 32 points (w/o Suppression)
562-799			Motherboard, Style B (w/Suppression)
562-856			Motherboard, Style B (w/o Suppression)
562-858			Motherboard, 32 points (w/Suppression)
562-952			Motherboard, 10 Amp Aux Relay Legacy
565-233			Remote Interface Card (RICII) Legacy
565-274			Universal Master Motherboard (UT, 4100+) – for use in 4100U Upgrade systems
565-275			Motherboard, Network Card
			<b>Accessories</b>
733-913	733-913	2080-9047	DACT Communication Cable (14 ft. [4.27 m])
742-981	NA	4100-5129	Ferrite Bead Kit – contains 3 Ferrite Beads (CE Compliance)
473-019		4190-9803	Replacement Paper for 4100-1293 Panel-Mounted Printer
742-902		4100-9837	Canadian ‘Power On’ Indicator Kit
155-010		NA	Ferrite Bead
			<b>Hardware</b>
184-038	NA	NA	Battery Block Diode (used with the 450-323 Battery Distribution Block)
202-055			Nylon Standoff (for 4100-6031, -6032, -6033)
202-060			Nylon Standoff (for 4100-6030)
202-084			Spacer 6x1/2 (for 4100-6031, -6032, -6033)
202-090			PDI Standoff (for 4100 Legacy Motherboards, Fiber Optic Modems)
202-091			Nylon Standoff (for 4100 Legacy Motherboards, mounts to card socket screws)
252-019			“B” Key
266-005			“B” Cam Lock
266-072			Retaining Clip for Cam Lock
268-009			Lock Washer (for mounting 4100U and 4100 Legacy modules)
294-030			Rubber Bumper – Door
322-122			Hex Nut # 6
327-027			Speed Nut # 6 (for Blank Filler Plate)
426-047			Screw # 6 Torx 5/16” (8 mm) (Mounting screw for 4100 Legacy modules)
426-053			Screw # 6 Torx 7/8” (22 mm) (Mounting screw for 4100-6031, -6032, -6033)
430-322			Flathead Screw for Back Box Hinge
450-457			Plug Connector (5 positions) for 565-413 Media Board

*Continued on next page*

## 4100U Service Parts List, *Continued*

Miscellaneous Modules/Accessories/Hardware (continued)			
Service Part	Harness	Sales Feature PID	Description
			<b>Hardware (continued)</b>
458-115	NA	NA	Cabinet Tamper Switch
524-247			PDI Stand Off (for 4100U Modules)
524-253			Ground Post (for 4100-6030)
524-257			Mounting Post for 4100-1311 Digital Audio Controller
524-275			Mounting Post for Legacy Relay Cards
524-289			Mounting Post for NAC Adapters
635-694			Restriction Wire
636-219			Audio Distribution Terminal Block
699-063			Back Box Hinge – Beige
699-064			Back Box Hinge – Red
699-066			Back Box Hinge Filler Plate – Beige
699-067			Back Box Hinge Filler Plate – Red
698-909			Back Box Lower Hinge Pin (Shorter Length than 698-910)
698-910			Back Box Upper Hinge Pin (Longer Length than 698-909)
748-589			Shipping Group - Audio Documentation
748-595			Shipping Group - Standard Documentation

Fuses	
Service Part	Description
208-002	1 Amp 120 Volt, Legacy Monitor Card
208-004	5 Amp, Legacy Power Supply F1 and F2
208-050	15 Amp, 4100U Battery Harness
208-023	2 Amp, Legacy Signal Card and Power Supply
208-048	2 Amp, MAPNET II Devices
208-053	15 Amp, Legacy 10 Amp Relay Card, Enhanced (110 Ah) Battery Charger, and AC
208-094	20 Amp, Legacy Battery Fuse
208-121	8 amp, Legacy Expansion (50 Ah) Battery Charger
208-132	3 Amp, Legacy CPU Motherboard,
208-134	0.4 Amp, Legacy Internal Serial Communication Bus
208-136	5 Amp, Legacy Expansion Power Supply (w/leads [UL])
208-140	5 Amp 220 Volt, Legacy 8 pt Relay Card
208-142	12 Amp, Legacy Power Supply (8 Amp) for 100 Watt Amplifier
208-154	20 Amp, Legacy 110 Ah Charger Cabinet
208-156	30 Amp, Legacy 733-621 Battery Harness
208-163	3 Amp 250 Volt Fast .177 X .57
208-185	5 Amp 125VAC, Fast Acting GLS, 4100U 8Pt/3 Amp Relay Card
208-186	3 Amp, 4100U 4Pt/2 Amp Relay Card
208-189	2.5 Amp 250 Volt, Fast .177 X .57"
208-190	2.5 Amp, Subminiature Fuse
208-094	20 Amp, Battery Fuse

## 4100U Service Parts List, *Continued*

<b>Labels</b>		
<b>Service Part</b>	<b>Sales Feature PID</b>	<b>Description</b>
742-863	4100-1294	LED / Switch Slide in Label Kit
742-851	4100-2210	Applique Kit – Canadian-French
619-293	4100-9835	4100U Circuit Termination Labels (2 sheets) (742-852)
742-876	4100-9836	Slide-In Label Kit (Audio Operator Interfaces) – Canadian French
742-936	4100-6029	Aftermarket Energy Management Application Guide UUKL
519-822	NA	Slide-In Label for 4100-1286 LED/Switch Module
519-823		Slide-In Label for 4100-1287 LED/Switch Module
519-824		Slide-In Label for 4100-1285 LED/Switch Module
519-891		Slide-In Label for 4100-1255 (3 – 8-Channel Audio Operator Interface Module)
519-917		4100U Front Panel Display Slide-In Label
521-585		4100 Legacy Front Panel Display / LCD Annunciator Slide-In Labels
526-873		Slide-In Label for 4100-1280, -1281, -1282, -1283, -1284
619-208		Slide-In Label for 4100-1252 (1-Channel Audio Operator Interface Module)
619-209		Slide-In Label for 4100-1254 (2-Channel Audio Operator Interface Module)
619-213		Slide-In Label for 4100-1253 (1.5- Channel Audio Operator Interface Module)

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## 4100U Service Parts List, *Continued*

<b>Software</b>	
<b>Service Part</b>	<b>Description</b>
*741-213	4100U and Network Programming Software on CD
**	Network Programming Software
	4100U Master Controller Software (4100U.bin)
	4100U CPU Bootloader Software (BOOT.bin)
	Transponder Interface Card (TIC) Software (TIC.bin)
	System Power Supply (SPS) Software w/SPS IDNet Software (SPS.bin)
	Expansion Power Supply (XPS) Software (XPS.bin)
	Remote Power Supply (RPS) Software (RPS.bin)
	IDNET Software for individual 4X5 IDNet cards only (IDNET.bin)
	TrueAlert Power Supply (TPS) Software (TPS.bin)
	External Battery Charger (XBC.bin)
	Analog Audio Controller Software (AUDANA.bin)
	Digital Audio Controller Software (AUDDIG.bin)
	Audio Amplifier (AMP.bin)
	Phone Software (PHONE.bin)
	Local Mode Transponder Interface Card (LMC.bin)
	XA Loop Interface Card Software (XALIC.bin)
	Expansion Signal Card (XSIG.bin)
MAPNET/IDNet Quad Isolator Software (MAPISO.mot)	
***246-717	Slave Bootloader (BOOT)
***742-146	IDNet PIC Software (PIC)
***741-164	TrueAlert Power Supply PCC (for TPS and 4009T) (PCC)
***740-748	MAPNET Quad Isolator Software -Programmed IC (uses 246-320 EPROM)
***246-320	Blank EPROM 27C64 8K X 8
	*Available on CD and download from Technical Services INTRAnet Web Site, Downloads section **Download Only from Technical Services INTRAnet Web Site, Downloads section ***Available via Order only