Publication Index

SERVICE MANUAL	PRODUCT DESCRIPTION	REVISION	DATE	AMEND/SUPPL/ BULLETIN NO.	DATE	**LAST HARD COPY REV. / SUBJECT / COMMENT
ASM-AWG08	**Audio Warning Generator**					
Installation & Operation		1.02	04-Nov-22			Incorp. ECO1151
Maintenance		1.01	21-Jan-19			Incorp. ECO1078
ASM-BAA01-001	**Bluetooth Audio Accessory**					
Installation & Operation		1.01	25-Jul-23			Incorp. ECO1158
ASM-LS	**Loud Speaker**					
Installation & Operation (LS300-20x, LS600-20x)		1.30	15-May-25			Incorp. ECO#1225 and 1230
Bulletins	Information Bulletin	LSxxx		ASM-LS-609-0001	27-Feb-26	Re-entrant tip inspection (Pre-MOD2)
	Service Bulletin	LSxxx		ASM-LS-603-0001	13-Apr-22	Re-entrant tip securing (MOD2)
	Service Bulletin	LSxxx		ASM-LS-603-0002	15-Jul-22	Re-entrant tip securing inspection (Loctite® LRUs only) - LS600-200
	Service Bulletin	LSxxx		ASM-LS-603-0003	05-Jul-23	Bell Stop Drill Procedure
	Service Bulletin	LSxxx		ASM-LS-603-0004	05-Oct-23	Re-entrant tip securing inspection (Loctite® LRUs, MOD3)
	Service Bulletin	LSxxx		ASM-LS-603-0005	19-Dec-24	Re-entrant tip securing (MOD4) - LS600-20x
	Service Bulletin	LSxxx		ASM-LS-603-0006	14-Apr-25	Re-entrant tip securing (MOD4) - LS300-20x
ASM-LS150	**Cabin Speaker**					
Installation & Operation		1.00	19-Jul-17			
Maintenance		1.00	06-Nov-17			
ASM-LS800	**External Loudspeaker**					
Installation & Operation		1.01	13-Feb-25			LS800-34DT Incorp. ECO#1232
ASM-LSA100-100	**Cabin PA Amplifier**					
Installation & Operation		1.01	07-Mar-23			Incorp. ECO#1126
Maintenance		1.02	07-Mar-23			Incorp. ECO#1126
ASM-LSA400	**Loud Speaker Amplifier**					
Installation & Operation		1.01	16-Jun-16			Incorp. RAS#599
Maintenance		1.00	20-Mar-18			
Supplements		1.00		LSA150-001	16-Jul-18	
		1.00		LSA300-001	16-Jul-18	
ASM-LSA800	**Loud Speaker Amplifier**					
Installation & Operation		1.01	16-Jun-16			Incorp. RAS#599
Maintenance		1.00	06-Nov-17			
Supplements		1.01		LSA800-002	13-Feb-25	Approved by date
ASM-LSC22	**Loud Speaker Controller**					
Installation & Operation		1.21	26-Nov-24			Incorp. ECO1224
Supplements		1.11		LSC22-002N	26-Nov-24	Incorp. ECO1224
		1.11		LSC22-003N	26-Nov-24	Incorp. ECO1224
		1.00		LSC22-101N	30-Jul-25	
		1.01		LSC22-103N	26-Nov-24	Incorp. ECO1224
		1.01		LSC22-105N	26-Nov-24	Incorp. ECO1224
Bulletins	Service Bulletin	LSC22-XXX		LSC22-603-0001	27-Nov-17	Unswitched Backlighting (MOD 1)
ASM-MCP01	**Master Caution Panel**					
Installation & Operation		1.30	19-Apr-18			Incorp. ECO1070
Supplements		1.20		MCP01-120	18-Jun-19	ECO1084: Legends 3&19 changed to NEG trigger (MOD B), No 603-0.
		1.00		MCP01-120N	06-Dec-19	
Bulletins	Information Bulletin	MCP01-XXX		ASM-MCP01-609-0140	19-Apr-18	Custom Legends
	Service Bulletin	MCP01-XXX		MCP01-603-0001	03-Jun-16	Chip Indicator Trigger Levels (MOD 2) Contact AEM Technical Support
	Service Bulletin	MCP01-XXX		MCP01-603-0003	06-Oct-16	State Recorder Firmware Update - PC Communication (MOD 3)
	Service Bulletin	MCP01-XXX		MCP01-603-0004	04-May-18	GOV MANUAL Diodes & CPF Voltage Adj. (MOD 4)
ASM-MCP01-130N	**Master Caution Panel**					
Installation & Operation		1.00	28-Mar-19			
Maintenance		1.00	15-Apr-19			
ASM-MCP02	**Master Caution Panels**					
Installation & Operation		1.00	24-May-16			
Bulletins	Service Bulletin	MCP02-0XX		MCP02-603-0002	06-Oct-16	State Recorder Firmware Update - PC Communication (MOD 2)
ASM-MCP03	**Master Caution Panel**					
Installation & Operation		1.10	20-Jul-17			Incorp. ECO1065 - Legend Positions 2 and 8 to SPARE
Bulletins	Information Bulletin	MCP03-100		ASM-MCP03-100-609-0110	13-Jul-17	Custom Legends
ASM-MCP-DAS	**Master Caution Panel**					
Installation & Operation		1.00	14-Nov-14			
ASM-MTP136D-000GN	**Mission Transceiver Panel Mount (P25)**					
Installation		1.12	13-Mar-26			ECO1262 - Rev 1.10 Firmware support, removed Rev 1.02

Publication Index

SERVICE MANUAL	PRODUCT DESCRIPTION	REVISION	DATE	AMEND/SUPPL/ BULLETIN NO.	DATE	**LAST HARD COPY REV. / SUBJECT / COMMENT
Installation Approval Test Procedure		1.01	19-Aug-25			ECO1238 - Updated for more robust interference testing
Operators Guide		1.03	12-Mar-26			ECO1261 - Support for 1.10 Firmware
Bulletins	Information Bulletin	MTP136D-000GN		MTP136D-000GN-609-0001	25-Jun-25	Salt Fog test performed
	Service Bulletin	MTP136D-000GN		MTP136D-000GN-603-0001	10-Dec-24	Optional Hot Temperature Startup Fault (MOD2)
	Service Bulletin	MTP136D-000GN		MTP136D-000GN-603-0002	27-Jan-25	Optional 1.02 Firmware Update
	Service Bulletin	MTP136D-000GN		MTP136D-000GN-603-0003	01-Aug-25	Optional 1.03 Firmware Update
	Service Bulletin	MTP136D-000GN		MTP136D-000GN-603-0004	13-Mar-26	Optional 1.10 Firmware Update
ASM-MTP138-000GN	**Mission Transceiver Panel Mount**					
Installation		1.00	12-Feb-26			Initial release
Operators Guide		1.00	11-Feb-26			Initial release
ASM-MTR138-000GNW	**Mission Transceiver Remote**					
Installation & Operation		1.10	21-Mar-25			ECO1234 - Updates from 1.20 Firmware
Bulletins	Service Bulletin	MTR138-000GNW		MTR138-000GNW-603-0001	20-Mar-25	Optional 1.20 Firmware Update (MOD1)
ASM-P122/P132	**Consoles**					
Bulletins	Service Bulletin	P122		P122-603-0001	28-Jan-25	Optional Linear Grommet Inspection & Retrofit
ASM-P139-HD	**Digital Audio**					
Operators Guide		1.00	02-Apr-25			
Supplements		1.01		G13115R	13-Jan-26	ECO1256 - Interconnect dwg correction
		1.00		G13115RNS	25-Jun-26	Initial release
		1.01		G13116R	13-Jan-26	ECO1256 - Interconnect dwg correction
		1.02		G13116RNS	14-Jun-26	ECO1251 - Mech Installation dwg update
		1.01		G13000R	13-Jan-26	ECO1256 - Interconnect dwg correction
		1.01		G13000RL	13-Jan-26	ECO1256 - Interconnect dwg correction
Bulletins	Service Bulletin	G1311XXX		P139-HD-603-0002	04-Mar-26	Optional Faceplate Replacement
ASM-RTS	**Remote Transmit Select**					
Installation & Operation		1.00	15-Nov-13			
ASM-TS150/TS300	**Loud Speakers**					
Installation & Operation		1.00	27-Nov-19			
Bulletins	Service Bulletin	TS150		TS150-603-0001	10-Jul-25	Optional Re-entrant Tip Securing (MOD1)
Bulletins	Service Bulletin	TS300		TS300-603-0001	25-Nov-19	Mounting Bracket Changes (MOD1)
Bulletins	Service Bulletin	TS300		TS300-603-0002	08-Jul-25	Optional Re-entrant Tip Securing (MOD2)
ASM-TS150-100	**Loud Speakers**					
Installation & Operation		1.00	02-Jun-25			
SM33	**AA20/AA22 Series PA/Siren Systems *consists of:***					
SM33-2	**AA22 PA/Siren Controls**					**To be Discontinued: Last Time Buy June 30, 2025**
Installation & Operation		2.20	28-May-19			Incorp. ECO1064, updated drawings
Maintenance		2.10	28-May-19			Incorp. ECO1064, updated drawings
Bulletins	Service Bulletin	AA22-110/160/163		Issue 1	03-Dec-90	Band Pass Modification (MOD 1)
	Service Bulletin	AA22		AA22\603-0001	19-Mar-97	Switched 28V Current Capability (MOD 4)
	Information Bulletin	AA22		AA22\609-0001	04-Sep-97	Operation and Testing Considerations
	Service Bulletin	AA22-492		603-0002	10-Apr-07	Improve low frequency response (MOD 6)
	Service Bulletin	AA22		AA22-603-0003	12-Apr-13	New Switch Panel PCB, Faceplate Mounting AA22-160 (MOD 5), AA22-492 (MOD 7)
SM34	**AA21-400 Cabin PA System**					
Installation & Operation		5.00	09-Nov-16			Rebranded to AEM
Supplements		2.00		AA21-401	10-Nov-16	Rebranded to AEM
		2.00		AA21-403	10-Nov-16	Rebranded to AEM
		2.00		AA21-405	10-Nov-16	Rebranded to AEM
		2.00		AA21-406	14-Nov-16	Rebranded to AEM
		2.00		AA21-407	14-Nov-16	Rebranded to AEM
		2.00		AA21-408	14-Nov-16	Rebranded to AEM
		2.00		AA21-450	17-Nov-16	Rebranded to AEM
Maintenance		5.00	09-Nov-16			Rebranded to AEM
Supplements		2.00		AA21-401	28-Nov-16	Rebranded to AEM
		2.00		AA21-403	10-Nov-16	Rebranded to AEM
		2.00		AA21-405	10-Nov-16	Rebranded to AEM
		2.00		AA21-406	14-Nov-16	Rebranded to AEM
		2.00		AA21-407	14-Nov-16	Rebranded to AEM
		2.00		AA21-408	14-Nov-16	Rebranded to AEM
		2.00		AA21-450	16-Nov-16	Rebranded to AEM

Publication Index

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SM35 PA110/220 High Power Audio Amplifers						**Obsolete**
Installation & Operation		2.01	02-Aug-16			Updated Section 2.4.5.2 (RAS#551)
Maintenance		2.00	17-Oct-12			Updated template, added Overhaul Section
SM44 PA250 and PA700 Series *consists of:*						
SM44-1 PA250 Series High Power Voice Amplifier						**Obsolete**
Installation & Operation		2.00	22-Apr-12			Updated template, drawings
Maintenance		2.00	22-Oct-12			Updated template, added Overhaul Section
Bulletins	Information Bulletin	PA250		PA250\609-0001	07-Dec-99	Audio Power Amplifier
	Service Bulletin	PA250		603-0001	14-Apr-08	Isolated chassis ground (MOD A)
	Service Bulletin	PA250		603-0002	23-May-08	Isolated chassis ground (MOD 3)
	Service Bulletin	PA250		603-0003	09-Jun-08	Isolated chassis ground (MOD A)
	Service Bulletin	PA250		603-0004	12-Mar-14	Subassembly Pin Changes (MOD4)
SM44-2 PA700 Series High Power Voice Amplifier						**Obsolete**
Installation & Operation		2.00	22-Apr-12			Updated template, drawings
Maintenance	*Up to S/N 1075*	2.00	22-Oct-12			Updated template, added Overhaul Section
Maintenance	*S/N 1076 and up*	2.00	27-Oct-12			Updated template, drawings, added Overhaul Section
Bulletins	Information Bulletin	PA250		PA250\609-0001	07-Dec-99	Audio Power Amplifier
	Information Bulletin	PA700		609-0001	29-Mar-01	Audio Power Amplifier
	Service Bulletin	PA700		603-0001	04-Jun-08	Isolated chassis ground (MOD 3)
	Service Bulletin	PA700		603-0002	10-Dec-14	Subassembly Pin Changes (MOD4)
SM47 VR33 Series DC Power Converter						**To be Discontinued: Last Time Buy June 30, 2025**
Installation & Operation		5.00	21-May-12			Updated template
Maintenance		5.00	20-Nov-12			Updated template, added Overhaul Section
SM51 TS9x Series Lightweight Speaker Array						**To be Discontinued: Last Time Buy June 30, 2025 (excl. TS95-16DS)**
Installation & Operation		5.40	28-Sep-26			Incorp. ECR1243
Maintenance		5.00	20-Nov-12			Updated template, drawings, bulletins, added Overhaul Section
Bulletins	Service Bulletin	TS92		TS92\603-0001	30-Apr-99	Speaker Chassis Corner Cracking
	Information Bulletin	TS9x		609-0001	05-Dec-08	Lightweight Speaker Array
SM70 TS100/TS200 Series PA Speakers						**Obsolete**
Installation & Operation		5.00	16-Apr-12			Updated template
Maintenance		5.00	16-Apr-12			Updated template, Incorporated ECO1002
Bulletins	Information Bulletin	TS100A, TS100RA		TS100A\609-0001	31-Jul-02	External Horn, 100 Watt
	Service Bulletin	TS100WR/TS200WR		603-0001	05-Aug-08	Pop rivet length changed (MOD 1)
	Service Bulletin	TS100WR/TS200WR		TS100WR-603-0002	02-May-12	Modified mounting bracket (MOD 2)

End of Publication Index