



# AUDIOACCESS

1047 Commerce Park Drive, Woodbury, NY 11799  
TEL: 812-2700  
A Future International Company

## PX-600

P/N	Description	Notes
610-1204-000	V2.04 SOFTWARE	Programmed firmware chip. Common replacement part.
606-1235-000	ICS DIG BQ4011Y-200 RAM (8ram)	Same in MRX (memory)
606-8055-000	ICS DIG 80C552-4A66 (microprocessor)	Same in MRX (microprocessor)
LTCA85CN8-ND	485 driver (new)	Same IC in all controllers and Keypads
705-1000-800	Programmer ribbon cable (replacement)	20 Pin ribbon cable
664-2101-200	FUSE 2 AMP UL SLO-BLO 5X20MM	MAJINS
380-00160-00	FUSE 1.6A 250V SLO-BLO 5X20MM	NEW KPS
664-1001-500	FUSE 1.5 AMP 3AG SLO-BLO 9	OLD KPS
380-00050-00	FUSE 500MA 250V SLO-BLO 5X20MM	INTERNAL
323-05004-00	PHENIX CONNECTOR	Keypad Connector on rear of unit
800-3160-000-00	6006121603 BOX	Must use correct box and foam to prevent shipping damage.
805-3000-008	6006121603 FOAM SET	Use with above box
370-000042-00	XFR 120V ULCSA	Power Transformer for US 120volt
688-2500-000	WIR CORPSET 8 IEC USA	Can be used for PX-700 also
780-0600-100	LENSE PX-700 IR WINDOW	
780-0600-051	LEFT SIDE PLASTIC END CAP	
760-4600-005-F	TOP COVER, REV F	
KPL-PX	AA PX-600 EMI SUPPRESSOR	Use with older controllers that do not have EMI suppression. Can also be used with MRX

### 926-0600-002-00 VOLUME CONTROL SUBASSEMBLY

660-1000-141	POT 10K MOTORIZED	MRX Pot Motor, can be substituted.
750-2701-000	PCB, PX600 POT MOTOR	
705-1001-105-A	WIR 5 PIN PIGTAIL 4.5" RIBBON ASSY	
300035	WIR BUSS 22AWG TIN/COPPER 3" (2 top, 1 bottom)	
660-1000-160	POT MOTOR PX-600 (OLDER UNITS)	Not available part of front panel board, use 660-1000-141 (pot motor)
926-0600-002-00	POT MOTOR PX-600 (newer UNITS)	See Below

### SLB ASSEMBLY

926-0600-000-H1	MAIN BOARD ASSEMBLY	Includes audio and cpu sections
926-0600-001-E0	FRONT PANEL BOARD ASSY	PCB Board includes Programmer connections and interface.
926-0600-002-00	POT MOTOR PCB ASSY	NLA: use front panel board
930-0600-001-00	FRNT PNL MECH AT ASSY	Front panel hardware



AUDIOACCESS

250 Crossways Park Drive, Woodbury, NY 11797  
516.496.8000  
A Hermon International Company

PX-700

P/N	Description	Notes
380-00250-00	FUSE 2.5A 250V SLO-BLO 5X20 MM	Switched Outlet
380-00160-00	FUSE 1.6A 250V SLO-BLO 5X20 MM	Key Pad Bus
380-00050-00	FUSE 500MA 250V SLO-BLO 5X20 MM	Main Power
LTC485CN8-ND	IC LTC485 RS485 KPS Bus Driver	Key Pad Bus Driver
606-8055-000	Microprocessor	
260-03012-00	SRAM DS1230Y-120 NON VOLATILE	Memory
900-00065-00	PROG EPROM PX-700 V 1.0	old firmware, NLA, upgrade to newer version.
900-00065-01	PROG EPROM PX-700 V 1.1	Firmware for v1.7 keypads and Installation Manager 2.1
900-00065-02	Prog EPROM px-700 V2.0	Firmware to be used with v3.0 Installation Manager Software
PCLINK	PC programming cable (front panel)	Sold through sales as finished good
900149	IRIQ SERIAL CABLE FOR "PCLINK"	Use if PCLINK not available
900299	OEM PART AA RT700 REMOTE	Use if RT700 not available
RT700	Full Function Remote	

SUB ASSEMBLY

P/N	Description	Notes
800-00065-00	AUDIO BOARD	
801-00065-00	Audio Output Board	RCA connectors
802-00065-00	CONTROL BOARD ASSEMBLY	Includes Microprocessor, ram, eeprom
803-00065-00	IR OUTPUT BOARD	
804-00065-00	TRIGGER OUTPUT BOARD	
805-00066-00	PWR SUPPLY BOARD 120V	
805-00067-00	PWR SUPPLY BOARD 230V	



AUDIOACCESS

201 East 29th Street, Suite 1110  
New York, NY 10016  
11 A Historic Immersing Company

## KEYPAD PARTS

### MISCELLANEOUS PARTS

P/N	Description	Notes
PBD/TK	V1.6 PROCESSOR BOARD W/BACK PLATE	USE PB101
986-2100-000	V1.6 PROCESSOR BOARD ASSEMBLY	USE 986-2100-050
PB101	V1.7 PROCESSOR BOARD W/BACK PLATE	Processor Board plus Backplate
986-2100-050	V1.7 PROCESSOR BOARD ASSEMBLY	Most common repair. Repairs 99% of all problems
986-2100-020	KPS WHITE KEYPAD ASSEMBLY	Button Board
986-2100-030	KPS IVORY KEYPAD ASSEMBLY	Button Board
800-00015-00	KPS ALMOND KEYPAD ASSEMBLY	Button Board
986-2100-010	KPS BLACK KEYPAD ASSEMBLY	Button Board
205-50150-00	DIO TVS 600W BIDIR 15V PK/KE15	EMI protection
LTC485CN8-ND	ICS DIG SN75LBC184 RS485 BUS TRANS INTREF	RS-485 bus driver
606-8752-107	V1.7 SOFTWARE	Current
606-8752-106	V1.6 SOFTWARE	USE 606-8752-107
800-3250-000	KPS SHIPPING CARTON	
805-3250-000	KPS SHIPPING FOAM	
770-2008-002	METAL BRACKET	2 per KPS
760-5000-010	Metal Chassis Cover	
	Waterproofing Kit	
MK/W/R-B	Brass Kit	Finished Good
MK/BR-SS	Stainless Steel Kit	Finished Good
440-00011-00	MISC GASKET KPS WR RUBBER MK/W/R	Gasket for waterproof mounting kit
430-00011-01	PLSTC KPS WR PROTECTIVE COVER MK/W/R	Plastic Cover Overlay
<b>BEZELS</b>		
770-2007-105	WHITE, METAL	
770-2007-106	IVORY, METAL	
412-00015-00	ALMOND, METAL	
770-2007-107	BLACK, METAL	
460721	WHITE, PLASTIC	
460723	IVORY, PLASTIC	
460722	ALMOND, PLASTIC	
460724	BLACK, PLASTIC	
420981	BEZEL SCREWS (4 NEEDED PER BEZEL)	

BUTTONS

Old White (off white)

740-2001-501  
740-2001-503  
740-2001-504  
740-2001-505  
740-2001-506  
740-2001-507  
740-2001-401  
740-2001-402  
740-2001-502

ON  
FM  
CD  
TAPE  
AUX  
VID  
ARROW UP  
ARROW DOWN

WHITE (new "pure white")

300-60000-00  
300-60001-00  
300-60002-00  
300-60003-00  
300-60004-00  
300-60005-00  
300-60006-00  
300-60007-00

ON  
FM  
CD  
SAT  
AUX  
VID  
ARROW UP  
ARROW DOWN

IVORY

300-61000-00  
300-61001-00  
300-61002-00  
300-61003-00  
300-61004-00  
300-61005-00  
300-61006-00  
300-61007-00

ON  
FM  
CD  
SAT  
AUX  
VID  
ARROW UP  
ARROW DOWN

ALMOND (old "off white")

740-2000-501  
740-2000-503  
740-2000-504  
300-64003-00  
740-2000-506  
740-2000-507  
740-2000-401  
740-2000-402  
740-2000-505  
740-2000-502

ON  
FM  
CD  
SAT  
AUX  
VID  
ARROW UP  
ARROW DOWN  
TAPE

BLACK

740-2000-601

ON

BUTTONCAPS

OLD WHITE ("off white")

(KPS/W, KPS/I, KPS/A, KPS101/A)

- BLANK
- CD1
- CD2
- CD3
- DMX
- DSS
- DVD
- FM1
- FM2
- LD
- PWR
- SAT
- SAT1
- SAT2
- SAT3
- TAPE
- TV
- VCR
- VCR1
- VCR2
- IP
- MP3
- XM

"IPod"

BLACK

(KPS/B, KPS101/B)

- BLANK/B
- CD1/B
- CD2/B
- CD3/B
- DMX/B
- DSS/B
- DVD/B
- FM1/B
- FM2/B
- MP3/B
- PWR/B
- SAT/B
- SAT2/B
- TV/B
- TAPE/B
- VCR/B
- IP/B
- MP3/B
- XM/B

"IPod"

WHITE ("pure white")  
(KPS101/W)

- BLANK/W
- CD1/W
- CD2/W
- CD3/W
- DMX/W
- DSS/W
- DVD/W
- FM1/W
- FM2/W
- MP3/W
- PWR/W
- SAT1/W
- SAT2/W
- SAT3/W
- TAPE/W
- TV/W
- IP/W
- MP3/W
- XMW

"IPod"

IVORY  
(KPS101/I)

- BLANK/I
- CD1/I
- CD2/I
- CD3/I
- DMX/I
- DSS/I
- DVD/I
- FM1/I
- FM2/I
- MP3/I
- PWR/I
- SAT2/I
- TAPE/I
- IP/I
- MP3/I
- XMI
- TV/I

"IPod"



AUDIOACCESS

250 Crossways Park Drive, Woodbury, NY 11797  
800-490-2800  
At Home International Company

PX-603

DEALER PRICING IS FOR ESTIMATION PURPOSE ONLY

P/N	Description	Notes
800-3160-000-00	600/612/603 BOX	
805-3000-008	600/612/603 FOAM SET	
610-1101-000	ICS DIG PROG EPROM PX-603 V1.01	Current firmware
610-1102-000	ICS DIG PROG EPROM PX-603 V1.02	Firmware upgrade to 1.02
PX-603SW1.02	AA PX-603 V1.02SW FIELD UPDATE KIT	
760-4603-005-A	TOP COVER PX-603	
625-3000-030-A	XFMR PX-603 ULCSA120V	
720-2500-010	MISC PLSTC FOOT GOLD SNAP IN	

PX-612

AASWH/3	3M SPEAKER WIRE HARNESS	PX-612, MRX, Pin Compatible with MA-361, MA-362
700-1000-256	48" SPEAKER WIRE HARNESS	Interchangable with AASWH/3
STB	Speaker Termination Board	Used with above wire harness
AA145-0004-I	POWER BOARD COMPLETE ASSEMBLY	
800-3160-000-00	600/612/603 BOX	
805-3000-008	600/612/603 FOAM SET	
350206	B Stock Replacement Amp/ with trade	Available on case by case basis through Tech Support or Sales
625-3000-040-A	5 AMP 250 VOLT SLO BLO FUSE	Power Supply Fuse
	XFMR 115/230 VOLT	



ALTIMOACCESS

2004 Garrison Road, Chertsey, Surrey, Surrey, UK  
2004 Garrison Road, Chertsey, Surrey, Surrey, UK  
H Alternair International Company

P/N

Description

Notes

800-00076-00	CONTROLLER BD ASS'Y	Internal Board
801-00076-00	RS232 BD	External rs232 board. Used for all installations and programming. Most common problem
808-00076-00	WHITE UNIT ASS'Y	Any color unit can be changed by removing and replacing the F/P and Bezel.
900284	LCD Touchscreen	
900291-1	WHITE BEZEL	
900292-1	WHITE F/P ASS'Y	
900293-1	BLACK BEZEL	
900294-1	BLACK F/P ASS'Y	
900295-1	IVORY BEZEL	
900296-1	IVORY F/P ASS'Y	
900297-1	ALMOND BEZEL	
900298-1	ALMOND F/P ASS'Y	



AUDIOACCESS

25017 receiver Park Plaza, Appleton, NY 11937  
616.388.3300  
H A Precision Electronics Company

MA-362

P/N	Description	Notes
92-V1005	STB MA362, Speaker Termination	Former T1501
93-V1003	AMP MOD (3088-0017)(SEE 900408)	Stereo Amplifier Module: 6 per unit. Field Repair.
WFC-7008-D	PWR COHD AL201+501 SJT 16/3 MA362(2514)	Heavy Duty Grounded
420940	6-32x1/4 Pan PH SEMS Blk Ox MA362	6 PER TERMINATION BOARD



AUDIOACCESS

5500 Crossways Fair Drive, Woodbridge, NY 11797  
616-436-4400  
1-800-451-7263

# MRX PARTS LIST

DEALER PRICING IS FOR ESTIMATION PURPOSE ONLY

P/N	Description	Notes
<b>MISCELLANEOUS PARTS</b>		
800-3160-000-00	SHIPPING CARTON	
805-3000-001	MRX-NT FOAM - IF NOT IN STOCK USE PX600 FOAM	
805-3000-007	PX600/612/603 FOAM SET	
323-05004-00	PHENIX CONNECTOR	
610-2712-000	BLANK EPROM	
610-1325-000	SOFTWARE VERSION 3.26 (NON NT)	Derton Tuner Version
610-1343-000	SOFTWARE VERSION 3.43 (FOR NT)	HK Tuner Version
606-1244-000	SRAM	
606-8055-000	MICROPROCESSOR	
605-0485-008	LTC485 BUS DRIVER	
678-2247-008	8 PIN DIP SOCKET CONNECTOR	NLA. Use LTC485CN8-ND
AASWH/3	SPEAKER WIRE HARNESS (3M FLAT TO FLAT)	
700-1000-256	SPEAKER WIRE HARNESS (48" FLAT TO FLAT)	
700-1000-255	SPEAKER WIRE HARNESS (48" FLAT TO FLAT)	
700-1000-250	SPEAKER WIRE HARNESS (48" SQUARE TO SQUARE)	
705-1000-700	20 PIN RIBBON CABLE (A/T BOARD)	
705-1000-800	26 PIN RIBBON CABLE (POT BOARD)	
700-1000-210	XANTECH 282M IR EMITTER	
760-4500-200-3	TOP COVER	
625-3000-000	TRANSFORMER, 60 HZ	
664-2208-000	AC MAINS FUSE 120V 60 HZ 8AMP 5x20 SLO-BLO	
664-2204-000	AC MAINS FUSE 240V 50 HZ 4AMP 5x20 SLO-BLO	
664-2202-000	POWER SUPPLY F1, F2, F3 FUSE 2.5AMP 5x20 SLO-BLO	
091-0017-0	AMP MODULE F1, F2 FUSE 7A PICO	
664-1001-500	KPS FUSE 1.5 AMP 3AG SLO-BLO	
A/T	MRX AUDIO INPUT	
POT	Preamp Outputs	
SMM	Speaker Mute Module	
606-8752-102	Firmware for SMM	KPS processor board with special firmware

### SUBASSEMBLIES

Many of these parts may not be available. Generic parts can be sourced locally.

400-9862-700	AMP MODULE ASSEMBLY	
400-9862-704	AUDIO BOARD ASSEMBLY	
986-2700-800-NT	CHASSIS ASSEMBLY	
400-9862-703	CONTROL BOARD ASSEMBLY REV 4	Out of Stock
400-9862-706	POWER SUPPLY BD ASSY MRX	
400-9862-706	POWER SUPPLY BOARD ASSY REV 4	

**VOLUME CONTROL ASSEMBLY**

750-2500-600  
660-1000-141  
705-1001-100  
735-1000-000

MOTOR POT BOARD, PC board only  
POT 10K MOTORIZED, motor volume control  
WIR 6 PIN PIGTAIL 4.5" RIBBON ASSY  
HDWRE PLSTC BUSHING MRX MOTORIZED POT

Volume ass not available complete.  
The below parts are the complete ass.  
Most common repair. Requires soldering.

**TUNER BOARD ASSEMBLY - MRX/NT**

986-2700-710  
770-2003-000  
667-2001-006  
700-1000-410  
220123  
700-1000-405

HK TU-930 OR TU-950 TUNER (1)  
MISC TUBING SHRK 1/8 BLACK PRECUT TO 1/2 (4)  
CONN 6 PIN HEADER STR 2MM (2)  
WIR COAX 6.5" ASSY (2)  
CAP 1200PF 100V 10% PPRO RADIAL FRP-2 (2)  
WIR 3 PIN 15" ASSY (1)

TU930/TU950 tuner board with minor modification

The below components are needed to modify the :

**DENON TUNER PARTS USED IN MRX**

200222  
200262  
640-2800-100  
130-52210-00  
140-32422-00

100uf 50v electrolytic c605  
2200uf 25v elec c610  
10uf 25v elec c615, c609  
1uf 50v elec c611  
220uf 25v elec c301

Complete board not available.

Replace all listed components to repair Denon tun  
Generic parts

**FRONT PANEL MODULE ASSEMBLY**

**FRONT PANEL BOARD ASSEMBLY**

400-9862-787  
622-1000-010  
740-3000-500  
667-2075-020  
600-10003-00  
770-1000-200

FRONT PANEL BOARD ASSEMBLY (1)  
OEM PART LCD DISPLAY DENSITRON 64X120 (1)  
HDWR PLSTC MRX BUTTON ALPS SKHWAC (21)  
CONN 20PIN HEADER MALE SINGLE ROW (1)  
SCRW, MCH PH PN ZNC, 4-40X0.375" (2)  
HDW ELEC SPACER #4X.187" NYLON (2)

Out of Stock/ needs assembly

**FRONT PANEL ASSEMBLY**

780-3000-400  
780-1000-300  
780-1000-201  
735-2600-000  
780-1000-400  
734-4000-006

METAL MRX FRONT PANEL FINISHED  
LENSE IR WINDOW  
LENSE LCD WINDOW  
MISC MECH FOAM GASKET DISPLAY  
HDW PLSTC BUTTON LIGHTPIPE  
HDW WSH #6 NYLON (3)



AUDIOFACTORS

2501 Lawrence Park Drive, Woodhull, NY 11797  
508-498-3400  
M A Harmon and associates Corporation

# MA361 PARTS LIST

DEALER PRICING IS FOR ESTIMATION PURPOSE ONLY

PN	Description	Notes
80A-00070-00	ICE MODULE ASSEMBLY	
770538	V1.04 SOFTWARE	N/A See 900274
420904	HDW SCR PAN HD PH 6-32 X .375	Current firmware. Contact Tech Suppt
420815	HDW SCR PAN HD PH POSIM3 X .5 (2)	
430432	MISC MECH MA361 ICE MODULE FOA	
5017/8J-3	METAL MA361 LOWER ICE BRACKET	
802-00070-00	Volume Output Bypass Board (6 per unit)	
600297	SHIPPING CARTON	
600298	BOTTOM FOAM INSERT	
600299	TOP FOAM INSERT	

### SUBASSEMBLIES

900274	CEM PART ICE250A-IC MODULE	Amp Module, 12 per unit, 1 per channel, Field Repair
900306	AUDIO INPUT BOARD ASSEMBLY	
900332	RS485 BOARD ASSEMBLY	Keypad Bus driver
900339	EM401 Volume Control Module (optional)	EM401
900351	CNTLR BD ASSY	Microprocessor and Eprom included
900329	Graphic EQ Board (2 per unit)	
900352	EM402 RS232 Board Assembly	EM402