MXP600

CAR KIT

The MXP600 Car Kit is a vehicle adapter designed to transform your MXP600 portable into a virtual mobile radio providing in-vehicle battery charging, hands-free operation and extended coverage.

Transform the MXP600 portable radio into a virtual mobile radio, with access to a wide range of accessories commonly associated with mobile radios. The mobile accessories include a variety of microphones, speakers, remote push-to-talk options, telephone style handset, alarm relay and emergency footswitch. By connecting the portable to an external antenna, the car kit also provides extended TETRA and GPS coverage, while in-vehicle battery charging through the car battery allows users to charge their portable even while away from the office.

DESIGNED FOR VERSATILITY

The junction box provides the portable radio with a single interface to a range of functions such as vehicle speakerphone capability and battery charging.

Besides allowing a connection to mobile radio accessories such as fist microphones and external speakers, the junction box offers an entertainment mute output to mute the vehicle's entertainment system when a call is ongoing. It also features a microphone bias control, which allows the use of third party low bias microphones. This may come pre-installed in some vehicles.

SAFER COMMUNICATIONS

With the three axis rotating mounting bracket, you can communicate safely while the radio stays mounted, enabling ease of use and convenience. To enable safer driving conditions, the cradle provides a secure holder for the portable radio. It remains upright and in clear view which allows for easy access to the buttons and keys. The quick release button allows one-hand quick removal from the car kit which provides an efficient way to gain access to your radio.

DATA CONNECTION

The USB connector allows a connected device to send data over the TETRA network (PEI). Easily program the radio by connecting a PC via the USB to the car kit.

MOTOROLA SOLUTIONS

ORDERING GUIDE:
SELECT BETWEEN TWO SALES MODELS

GM0368A STANDARD CAR KIT INCLUDES:

ITEM DESCRIPTION
Car Kit Junction Box
Standard Cradle to Junction Box Cable
Power Cable
Mounting Bracket for Cradle
MXP600 Cradle with RF Connection
Smart Visor Microphone
7.5W External Speaker
Push Button PTT
Installation Manual

GM0369A CUSTOMIZED CAR KIT INCLUDES:

Car Kit Junction Box	
Power Cable	
Installation Manual	
SELECT FROM THE FOLLOWING OPTIONS:	
Part Number	**Item Description**
MXP600 CAR KIT CRADLE (Mandatory, Choose One)	
QA08540AA	ADD: RF Cradle (Includes Remote Speaker Microphone Bracket and Mounting Bracket)
QA08539AA	ADD: Non RF Cradle (Includes Remote Speaker Microphone Bracket and Mounting Bracket)
MXP600 CAR KIT CABLE (Mandatory, Choose One)	
QA05461AA	ADD: Cradle to Junction Box Cable
QA05462AA	ADD: Cradle to Junction Box Cable with USB (Data)
MXP600 CAR KIT SPEAKER (Mandatory, Choose One)	
QA05472AA	ADD: Small Loudspeaker 5W
QA05473AA	ADD: Loudspeaker 7.5W
QA05474AA	ADD: Loudspeaker 13W
QA05475AA	ADD: Small Loudspeaker 5W + Extension Cable
QA05476AA	ADD: Loudspeaker 7.5W + Extension Cable
QA05477AA	ADD: Loudspeaker 13W + Extension Cable
MXP600 CAR KIT ANTENNA (Optional, Choose One Only)	
QA05481AA	ADD: Ant. Digital Car Kit Tetra 380 - 430MHZ / GPS
QA05482AA	ADD: Ant. Digital Car Kit Tetra 430 - 470MHZ / GPS
Choose a microphone from at least one of the following two categories: one mobile microphone type only and/or one visor microphone/push to talk combination only.	
MXP600 CAR KIT MOBILE MICROPHONE (Mandatory, Choose One)	
QA05465AA	ADD: Compact Fist Microphone + MMP[1] Extension Cable
QA05466AA	ADD: Heavy Duty Fist Microphone + MMP[1] Extension Cable
QA05467AA	ADD: IMPRES Telephone Style Handset + MMP[1] Extension Cable
QA05479AA	DELETE: Mobile Microphone
MXP600 CAR KIT VISOR MICROPHONE AND PUSH TO TALK (Mandatory, Choose One)	
QA05468AA	ADD: Visor Microphone + Pushbutton with Remote Push to Talk
QA05469AA	ADD: IMPRES Visor Mic + Pushbutton with Remote Push to Talk
QA05470AA	ADD: Visor Microphone + Gooseneck Push to Talk
QA05471AA	ADD: IMPRES Visor Mic + Gooseneck Push to Talk
QA05478AA	DELETE: Visor Microphone and Push to Talk

[1]Mobile Microphone Port

JunctionBox

RSM

Visor Microphone

LoudSpeaker

RF Cradle

COMPATIBLE ACCESSORIES

The following accessories are also available to order separately from the sales models

Part Number	Item Description
RMN5107	Compact Fist Microphone
RMN5111	Heavy Duty Fist Microphone
PMMN4087	Visor Microphone (High Bias)
RMN5054	IMPRES Visor Microphone
MDHLN7016	IMPRES Telephone Style Handset
RLN5926	Pushbutton with Remote Push to Talk
RLN4858	Gooseneck Push to Talk
RSN4002	Loudspeaker 13W
RSN4003	Loudspeaker 7.5W

Part Number	Item Description
RSN4004	Small Loudspeaker 5W
RLN4836AR	Emergency Foot Switch
PMKN4119	Speaker Extension Cable
GKN6272	External Alarm Relay
30012040002	Power Cable
GMAE4290	Combined TETRA/GPS 380-430 MHz External Antenna
GMAE4293	Combined TETRA/GPS 430-470 MHz External Antenna
PMLN8306	Non-charging RF Cradle with Mounting Brackets
PMLN8305	Non-charging non-RF Cradle with Mounting Brackets

SPECIFICATIONS

Cradle	Secures terminal
	Switches RF to external antenna (including GPS signals)
	Interfaces to Junction Box
	Includes bracket for holding Remote Speaker Microphone
	Compatible with radio belt clips PMLN5616, PMLN8181
Cradle Mounting	Flexible 3-axis swivel/locking mounting bracket
Cradle Dimensions (excluding radio)	70 (W) x 173 (H) x 60 (D) mm
Cradle Weight (excluding radio)	148 g
Junction Box Dimensions	105 (W) x 140 (L) x 30 (H) mm
Junction Box Weight	300 g (excluding cables)
Cradle to Junction Box Cable	1.5m long terminated with male DB26 connector
Cradle to Junction Box Cable with USB Data Cable	1.5m long terminated with male DB26 connector. Includes 5m long USB Data Cable terminated with male USB A connector

Car Kit Operational Temperature Range	-30°C to 60°C
Battery Charging[2]	Battery Charger at nominal input voltage: 5V
	Maximum Charge Current: 900mA
	Dead Battery Operation: Radio operational within 2 minutes of being inserted
	Battery Charging Temperature Range: 0°C to 40°C
Input voltage	12/24V system
Antenna RF Connector	FME plug
Radio Compatability	MXP600
Battery Compatibility	PMNN4801 1900 mAh PMNN4802 3400 mAh PMNN4582 2900 mAh
Combined GPS/TETRA Antennas[3]	380-430 MHz (GMAE4290)
	430-470 MHz (GMAE4293)

[2] The car kit provides battery charging voltage to the portable radio while the charging circuit resides in the portable radio.
[3] A TETRA-only antenna may be used if GPS signal reception is not required.

For more information, please visit us at
www.motorolasolutions.com/MXP600

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