

AUDIO ADAPTER PMLN6047

USER GUIDE

en-US

de-DE

es-ES

fr-FR

it-IT

nl-NL

pt-PT

ru-RU



MOTOROLA SOLUTIONS

FOREWORD

Product Safety and RF Exposure Compliance



Caution

Before using this product, read the ATEX/IECEX Safety Leaflet and the operating instructions for safe usage contained in the RF Energy Exposure and Product Safety Guide enclosed with your radio.

ATTENTION!

The Intrinsically Safe Audio Adapter, when attached to the radio, is restricted to occupational use only to satisfy FCC/ICNIRP and RF energy exposure requirements.



Dealers and Resellers: To prevent the potential for serious injury or non-compliance with applicable regulatory requirements, do not use or sell this **Motorola Solutions Audio Adapter** in combination with a **Motorola Solutions** radio and any non-Motorola Solutions approved third-party accessory, unless you have obtained all relevant product safety and regulatory compliance approvals and certificates for such a combination of products in hazardous atmosphere. The dealer or reseller is solely responsible for any warranty, quality, performance, safety or any other issues relating to the use of this **Motorola Solutions** adapter with a non-Motorola Solutions approved third-party accessory. Dealer may not in any manner, state, imply or otherwise represent that any non-Motorola Solutions approved third-party accessories have been approved or otherwise authorized by **Motorola Solutions** for use with this adapter and a **Motorola Solutions** radio product.

DESCRIPTION

The PMLN6047 Audio Adapter allows the user to attach either a **Motorola Solutions** audio accessory or a third party audio accessory to the MOTOTRBO™ CSA / ATEX portable radio. This audio adapter is applicable for audio accessories with the Molex Connector.

The adapter is operational with or without its dust cap. Contact a Motorola Solutions representative for your radio's compatibility with the audio accessory adapter and applicable audio accessories.

MOTOTRBO CSA Radio: XPR6580IS.
MOTOTRBO ATEX Radio: XPR 7550 Ex,
DP4801 Ex, DP4401 Ex, DGP 8550EX,
DGP 8050EX, XiR P8668 Ex, XiR P8608 Ex.

OPERATION



Caution

This procedure must be carried out before entering hazardous environment.

ATTACHING THE ADAPTER/ACCESSORY

1. Turn the radio off.
2. Remove the universal connector seal from the side of the radio and attach the audio adapter to the radio.
3. Secure the adapter to the radio by turning the adapter's screw in a clockwise direction until the fit is snug.

4. Open up the dust cap on the audio adapter and attach the applicable certified accessory to the Molex connector on the adapter.
5. Turn the radio on.



Figure 1. To insert the accessory, hold (as shown in Figure 1) the end with the connector, align with audio adapter attached to radio, and push.

RADIO OPERATION WITH ADAPTER

The radio functions normally with the adapter attached. However, radio operation changes when an accessory is attached to the adapter. The audio on the radio is muted and routed through the adapter to the attached accessory.

REMOVING THE ADAPTER/ACCESSORY

1. Turn the radio off.
2. Remove the accessory from the adapter.
3. Close the dust cap to cover the Molex connector.
4. Loosen the captive screw holding the adapter to the radio and remove the adapter from the radio.
5. Re-attach the universal connector seal to the side of the radio.
6. Turn the radio on for normal operation.



Figure 2. To remove the accessory, hold (as shown in Figure 2) firmly and pull.

Compatible Male Connector	
Motorola Solutions part number	28012038001
Molex part number	850750220

MOLEX CONNECTOR PIN CONFIGURATION

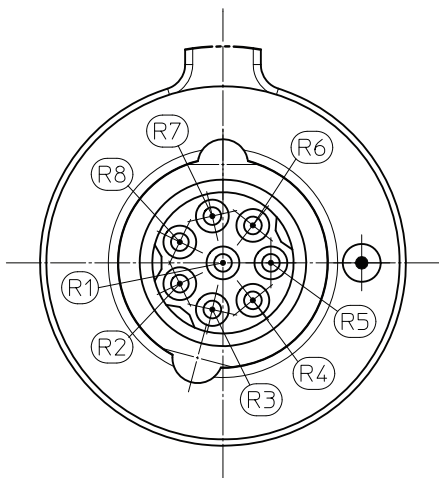


Figure 3. Molex connection pin configuration

Molex Connector	Signal Name
R1	Ground
R2	Speaker +
R3	Mic -
R4	PTT
R5	Detection
R6	Vbus
R7	Mic +
R8	Speaker -

SERVICE AND WARRANTY

The PMLN6047 Audio Adapter is not repairable. Order a replacement adapter as necessary.

The audio adapter is covered under the standard Motorola Solutions one year limited warranty. Refer to your Motorola Solutions dealer or point-of-purchase for detailed information on warranty replacement.