

MP30 PNG Transceiver



The MP30 PNG Transceiver is the most versatile transceiver of the PNG product family. MP30 was designed with demanding missions in mind. Targeted applications include airborne EMS, law enforcement, cargo- and special operations, armored vehicles and patrol boats.

The unit provides a rugged full metal housing that enables reliable operation in demanding environments, both inside the aircraft and outside – even in mud, heavy rain or snow.

AXNES PNG wireless intercom utilizes state-of-the-art software-defined radio technology working in the UHF band. A flexible and short rubber antenna was specifically designed for the MP30 and results in an impressive wireless intercom with unmatched range. Due to its unique noise cancelling technology the MP30 can be used in extreme noise environments.

To increase operational safety, the MP30 is equipped with a 46 channel GPS receiver. This allows fast and precise location of MP30 equipped crewmembers. Positioning data is transmitted via a secure data channel, to the aircraft or vehicle and may be displayed on moving map or mission displays.

The MP30 can be equipped with a Bluetooth® module and act as a noise cancelled headset for a tablet or mobile phone.

For added safety the MP30 is equipped with voice cueing so that any setup changes is announced orally to the user.

The MP30 can be equipped with a variety of connectors to suit customer needs and avoid the need for adaptor cables.

Main Features:

- Noise Cancelling: Unmatched noise cancelling, enabling enhanced VOX function
- NIVOX Mode; A patented algorithm provides Non Interrupted VOX mode operation
- PTT Mode: Pressing a single button takes the unit from VOX to PTT if desired
- LOCAL Mode: The external microphone provides communication between victim and rescuer without helmet removal
- PTT-2 enables direct relaying through aircraft or vehicle mounted C4 equipment
- Advanced Echo cancelling enables un-delayed side tone on long transmission paths

Main Technical Specs:

- Inherent secure com with option to add AES 256 or embedded hardware encryption
- Supports all common aircraft headsets, dynamic, amplified or carbon level mikes
- Rechargeable Battery life 15 hours of operation, 40 hours of stand-by
- Operator changeable battery, extended battery options available
- GPS position reporting
- AXNES adaptive noise cancelling
- Bluetooth® connection to mobile devices like cell phones or tablet devices
- Different connectors available, no adapter needed

Part Numbers and Variants:

MP30 Transceiver

Part Number	Description	Connector Type:
MP30 Main Unit:		
AXS-HH-D0200-N-C3	MP30 Handset transceiver, NVG	US NATO
AXS-HH-D0200-BN-C3	MP30 Handset transceiver, Bluetooth, NVG	US NATO
AXS-HH-D0200-BGN-C0	MP30 Handset transceiver Bluetooth GPS, NVG – Yellow	US NATO
AXS-HH-D0200-BNG-C3	MP30 Handset transceiver Bluetooth GPS, NVG – Black	US NATO
AXS-HH-D0210-GN-C3	MP30 Handset transceiver GPS, NVG-Black	Amphenol J329
AXS-HH-D0210-GN-C5	MP30 Handset transceiver GPS, NVG-Olive	Amphenol J329

MP30 Antennas:

AXS-ANT-0300	PNG Handheld antenna 390 to 425MHz
AXS-ANT-0310	PNG Handheld antenna 425 to 470MHz
