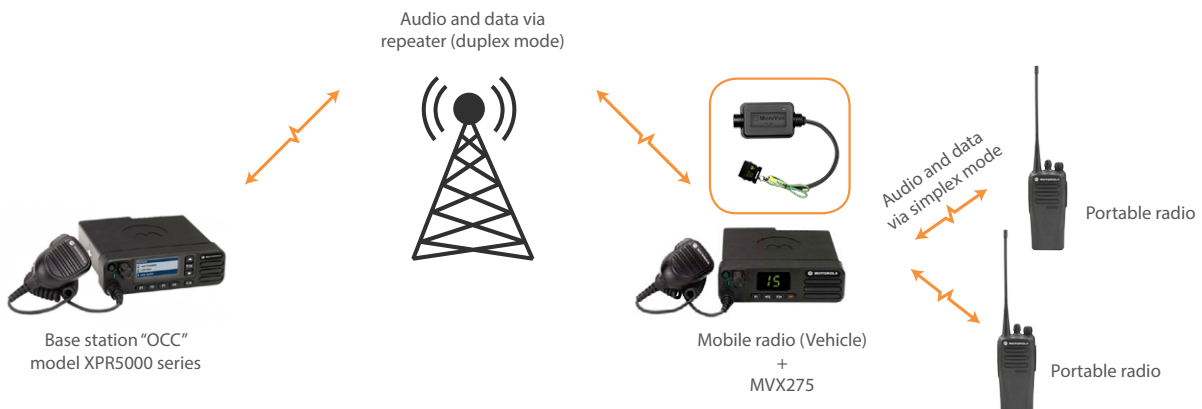# MoniVox®

MONIVOX AUDIO REPLAY - MVX275

PRODUCT

DESCRIPTION

The **MVX275** interface when connected to a MOTOTRBO digital mobile radio extends the radio frequency coverage of all AUDIO and DATA communication automatically between a network of digital radios operating through a repeater and other radios operating in simplex mode. When a **MVX275** identifies communication in one of the modes, it starts recording the AUDIO/DATA, and at the end of the transmission immediately plays the recording in the other mode. For example, if you recorded the AUDIO/DATA in simplex mode, it plays it in repeater mode and vice versa. AUDIO recording is up to 90 seconds and will be deleted automatically after playback.

MARKET NEEDS

Better communication between the Operational Control Center (OCC) and portable radios, especially when a user gets out of the vehicle and it is out of radio frequency range of the OCC repeater.

MONIVOX SOLUTION

We developed an interface that when connected to a mobile radio, extends radio communication for all portable radios operating in simplex mode and the OCC´s repeater. The **MVX275** interface connected to a mobile radio acts as an AUDIO and DATA "gateway" operating in simplex and duplex modes, offering long-range radio communication between portable radios in simplex mode and the OCC repeater.

BENEFITS

DYNAMISM WITH PORTABLE RADIO

• Use of portable radios in simplex mode when out of repeater´s range.

COST REDUCTION

• Uses the mobile radio as an AUDIO and DATA "gateway".

TOPOLOGY

Audio and data via repeater (duplex mode)

Base station "OCC" model XPR5000 series

Mobile radio (Vehicle) + MVX275

Audio and data via simplex mode

Portable radio

Portable radio

MoniVox has presence in Brazil and the Americas and specializes in developing solutions for radio communication and data transmission. Our products are designed to satisfy specific vertical markets, and can be customized. Our goal is to provide innovative and efficient solutions that combine the technology of Motorola MOTOTRBO™ digital radios with the MoniVox® hardware intelligence and applications, in order to increase customer productivity and reduce costs. We are certified MOTOTRBODEV Motorola and ISV Zebra.

The MOTOTRBO™ radios are professional digital two-way radio system.

APPLICATION EXAMPLES

Highways
Immediate responses to incidents where operators are out of their vehicles and need radio communication between their portable radios in simplex mode and the OCC repeater.

High-value goods Transportation
Reliable radio communication between security personnel with portable radios and out of the armored trucks and the OCC repeater.

Utilities
Effective mobility while collecting information and all AUDIO and DATA radio communication between operators out of their vehicles, using portable radios in simplex mode and the OCC repeater.

Mobile radio
Extend AUDIO and DATA radio communication through the mobile radio whenever out or range or in poor RF coverage areas.

TECHNICAL SPECIFICATIONS

Code: MVX275

Description: MoniVox Audio Replay

Mobile Radio: Motorola MOTOTRBO XPR5000 series (any model)

Base Station Radio: Motorola MOTOTRBO model XPR5550

Portable radio: Motorola MOTOTRBO portable series

Radios operating mode: Digital

Recording time of each communication: up to 90 sec.

Storage: Audio is erased at the end of each reproduction

Operating system: Proprietary of MoniVox

Operating temperature: 0ºC to 60ºC

Power: MOTOTRBO ™ Digital Radio (8 ~ 15VDC)

Weight: 95 grams

www.monivox.com