



# Plug-In Voice Security for Motorola Radios

## MOT-TVS-2 Series

### High-Level Hopping Code Voice Scrambler

- 5 User-Programmable Levels of Security
- Uses Hopping Code Instead of Sweeping Code for Higher Security
- +40 Trillion Possible Codes
- Supports Over-The-Air-Reprogramming (OTAR), Radio Kill, Spy and more using Midian's Kryptic Signaling Format

## MOT-VPU-15 Series

### Voice Inversion Scrambler with Kryptic Signaling

- 4 User-Programmable Inversion Frequencies from a List of 37 Frequencies
- Supports Over-The-Air-Reprogramming (OTAR), Radio Kill, Spy and more using Midian's Kryptic Signaling Format

## VS-110-MPx1

### Rolling Double Inversion Voice Scrambler

- Programmable for up to 4 of 1020 codes (4 groups with 255 codes per group)
- Compatible with Icom's UT-110

## VS-1000-MPx1

### Voice Inversion Scrambler

- Programmable to any Inversion Frequency between 2100 and 4096 Hz

## VS-1050-MPx1

### Voice Inversion Scrambler with ANI

- Programmable to any Inversion Frequency between 2100 and 4096 Hz
- ANI and ENI in Motorola's MDC-1200, Kenwood's FleetSync, Harris' G-Star (aka GE-Star), DTMF or 5-Tone

## VS-1100-MPx1

### Double Inversion Voice Scrambler

- Programmable for up to 4 of any of the 32 splits
- Compatible with Midian's VPU-6, Icom's UT-109 or AIR's/Inysa's XPTO

## VS-1200-MPx1

### High Level Frequency Domain Voice Scrambler with ANI

- Total code combinations:  $\sim 6.2 \times 10^{23}$
- Actual code combinations:  $\sim 4$  billion
- Number of selectable keys: 3
- 3 user-programmable levels of security plus voice inversion
- Programmable audio levels
- ANI and ENI in Motorola's MDC-1200, Kenwood's FleetSync, Harris' G-Star (aka GE-Star), DTMF or 5-Tone



Shown: MOT-TVS-2-PRO



Shown: VS-1200-MPP1



# Plug-In Tone & Voice Modules for Motorola Radios

## SVR-1-MPx1

### Simplex Repeater Maker

- Store and forward up to 3 minutes of tone and voice
- Create a low-cost simplex vehicular repeater to increase portable radio coverage when the user is out of his or her vehicle
- Expand radio coverage into remote locations, tunnels, buildings, downtown areas & more

## TS-120-MPx1

### Multi-Format ANI & Emergency ANI Encoder

- ANI and ENI in Motorola's MDC-1200, Kenwood's FleetSync, Harris' G-Star (aka GE-Star), DTMF or 5-Tone
- Lone Worker feature

## VAE-1-MPx1

### Voice Alarm Encoder with Multi-Format ANI

- Prerecord voice messages to be sent when an event occurs
- Lone Worker feature
- Ideal for identifying user name and location or notifying users of equipment failures or when on backup power
- ANI and ENI in Motorola's MDC-1200, Kenwood's FleetSync, Harris' G-Star (aka GE-Star), DTMF or 5-Tone

## VM-3-MPx1

### Voice Storage Module

- Record up to 3 minutes of voice messages
- Users can play back and save voice messages using buttons on the radio

The MOT-TVS-2, MOT-VPU-15, VS-MPx1 modules in this brochure are supported in the following Motorola radios:

**Portables:** GP-140, GP-328, GP-328-LS, GP-329, GP-338, GP-338-LS, GP-339, GP-340, GP-360, GP-380, GP-640, GP-680, HT-750, HT-1250, HT-1250-LS+, MTX-850-LS, MTX-8250-LS, PR-860, PRO-5150, PRO-5350, PRO-5450, PRO-7150, PRO-7350, PRO-7450, PTX-700, PTX-760

**Mobiles:** CDM-750, CDM-1250, CDM-1550-LS+, GM-140, GM-160, GM-328, GM-338, GM-338-LS, GM-339, GM-340, GM-360, GM-380, GM-398, GM-399, GM-640, GM-660, GM-1280, MCX-720, MCX-760, MCX-780, PRO-3100, PRO-5100, PRO-7100, PRO-7200

The MOT-TVS-2 and MOT-VPU-15 modules in this brochure are supported in the following Motorola radios:

**Portables:** CP-160, CP-180, EP-450, GP-3688, PR-400

**Mobiles:** CM-160, CM-300, CM-360, EM-400, GM-3688, PM-400 (4-key version)



Shown: TS-120-MPP1