

F3400/F4400 Programming

CREATING TWO ZONES IN NON-DISPLAY PORTABLES

Introduction

The following paragraphs describe how to program two zones in F3400 series portable radios that have no Displays.

Prerequisites

- Radio is connected to the computer with a cloning cable. USB A to micro B type, with matching driver or OPC-1862.
- Firmware and Software are updated to the latest version
- Windows® 7, 8.1, or 10 (32/64bit) operating system

Programming

1. Go to Memory CH -> Zone Operation.

| Zone Operation (3968 Remaining) | | | | | | | | | | | | | |
|---------------------------------|-----------------|-------------------------|----------|-------------|-----------------|---------------|----------|------------|----------|--------|---------------|-----------|----------|
| Zone | Encryption Mode | Encryption Key List No. | Area Bit | Repeater ch | Dec. Pri. Group | Pri. Group ID | RX Group | Block Mode | Start ID | End ID | Preamble Bits | Hang Bits | Capacity |
| 1 | — | — | — | — | — | — | OFF | — | 1 | 1 | — | — | 16 |
| 2 | — | — | — | — | — | — | OFF | — | 1 | 1 | — | — | 16 |

2. Enter a number in **Capacity** to enable each desired zone. (Zone 1 is enabled by default). If needed, enable more zones by entering a "1" under **Zone 2 Capacity**, and entering a text name.
3. Enter your frequencies and other related settings in the Zone 1 and Zone 2 Memory CH window.

| Zone 2: Zone 2 (3968 Remaining) | | | | | |
|---------------------------------|-----|-----|---------|------------|----|
| Frequency (MHz) | | | | | |
| CH | Atr | Inh | CH Type | RX | TX |
| 2- 1 | | | Digital | 465.890000 | <- |
| 2- 2 | | | Digital | 465.780000 | <- |
| 2- 3 | | | Digital | 456.230000 | <- |
| 2- 4 | | | Digital | 468.770000 | <- |

4. Go to User Interface -> Key Assign -> Key.

| Key Assign - Key | |
|------------------|-----------|
| Key | |
| F1 | Monitor |
| F2 | Null |
| F3 | Null |
| Emer | Emergency |
| Ext. Emer | Disable |
| OPF | Null |
| Lever Switch | |
| Function | Null |

| Model Window - Key | |
|--------------------|-----------------------|
| Key | |
| Normal | |
| F1 | Monitor |
| F2 | Null |
| F3 | Null |
| Emer | Emergency |
| Lever Switch | |
| Function | Rotary Selector Shift |

5. In the **Lever Switch** field, double-click and **Select Rotary Selector Shift**.

With the **Rotary Selector Shift** enabled, the Lever Switch on the radio (shown below) can be used to switch between Zone 1 and Zone 2.



6. Go to **Rotary Selector** and assign Zone 2 Channels in the **Shift** -> **Channel** fields.

| Key Assign - Rotary Selector | | | | | | |
|------------------------------|---------|-----------|----------|---------|-----------|--|
| Rotary Selector Table | | | | | | |
| Position | Normal | | | Shift | | |
| | Channel | Operation | List No. | Channel | Operation | |
| 1 | 1-1CH | OFF | — | 2-1CH | OFF | |
| 2 | 1-2CH | OFF | — | 2-2CH | OFF | |
| 3 | 1-3CH | OFF | — | 2-3CH | OFF | |
| 4 | 1-4CH | OFF | — | 2-4CH | OFF | |
| 5 | 1-5CH | OFF | — | 2-5CH | OFF | |
| 6 | 1-6CH | OFF | — | 1-6CH | OFF | |
| 7 | 1-7CH | OFF | — | Zone 1 | OFF | |
| 8 | 1-8CH | OFF | — | Zone 2 | OFF | |

7. Write the file into the radio.