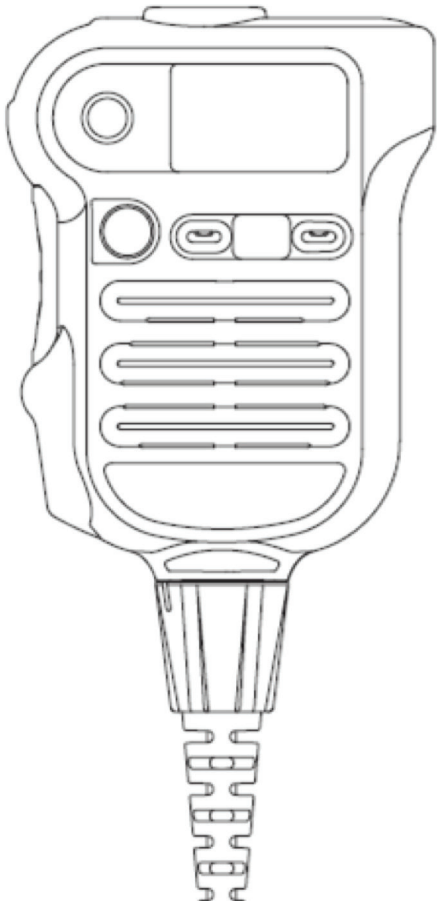
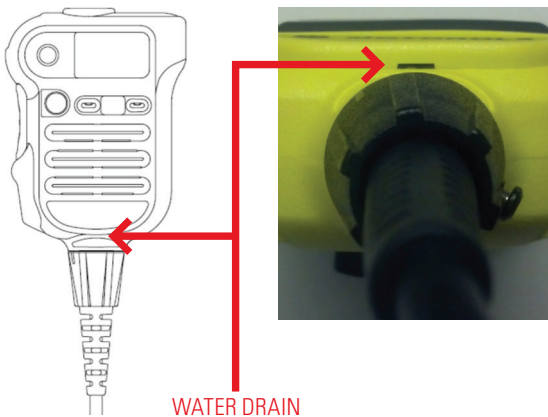


# BEST PRACTICES FOR XE RSM



# FOR THE BEST PERFORMANCE IN EXTREME ENVIRONMENTS, ALWAYS FOLLOW 3 SIMPLE RULES.

## 1. ALWAYS WEAR ORANGE BUTTON UP FOR BEST WATER DRAINAGE



YES



YES

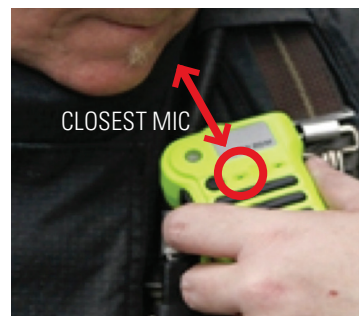
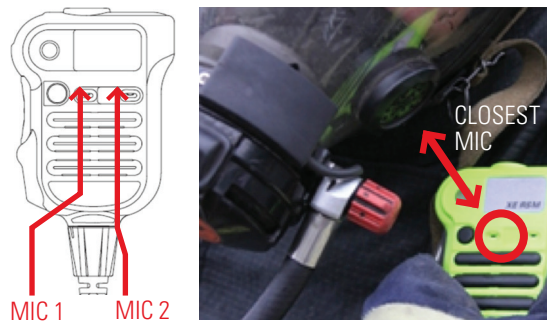


YES



NO

## 2. ALWAYS TALK TO CLOSEST MIC FOR BEST VOICE QUALITY



## 3. ALWAYS SHAKE TO CLEAR WATER AND THEN TALK

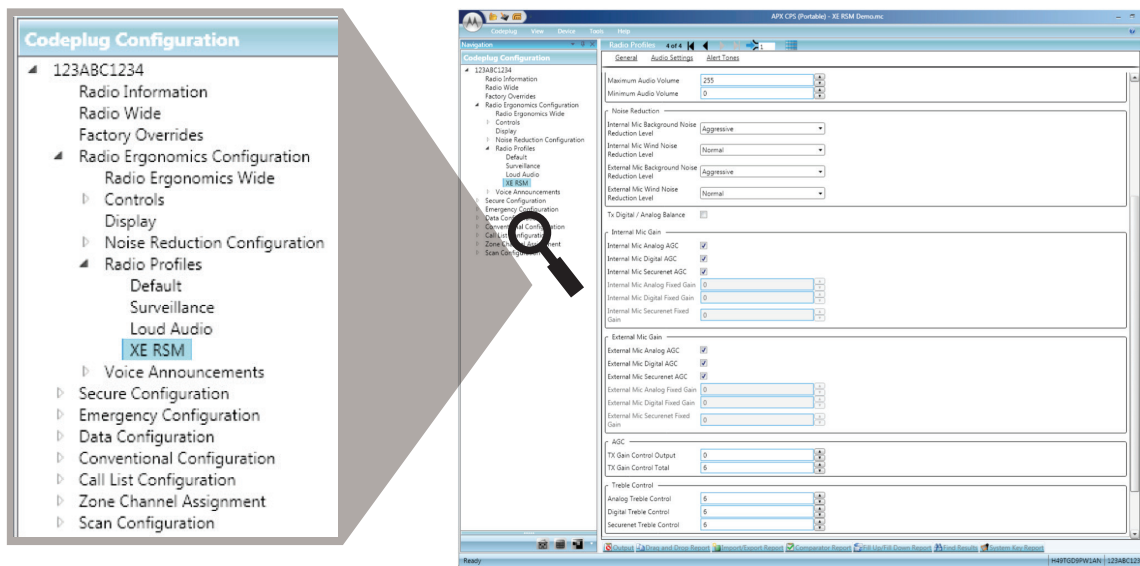


Two or three brisk  
vertical shakes  
will cause water to  
drain faster.

# RADIO PROFILE CONFIGURATION ENHANCEMENT

## Improve communication intelligibility with three APX Radio Profile Audio Setting CPS (Customer Programming Software) changes.

Please note that the “XE RSM” is NOT a standard shipping Radio Profile and needs to be manually created.



### 1. Enable **TRANSMIT** External Mic AGC to optimize XE RSM microphone signal level.

| AGC                    |   |
|------------------------|---|
| TX Gain Control Output | 0 |
| TX Gain Control Total  | 6 |

Set 'TX Gain Control Output' to 0, 'TX Gain Control Total' to 6.

### 2. Boost **RECEIVE** Treble Frequency to add crispness to speaker signal for better intelligibility.

| Treble Control           |   |
|--------------------------|---|
| Analog Treble Control    | 6 |
| Digital Treble Control   | 6 |
| Securenet Treble Control | 6 |

Set 'Treble Control' to 6

**3. Adjust TRANSMIT Noise Reduction for use when the XE RSM is not attached to the radio.**

| Noise Reduction                               |            |
|-----------------------------------------------|------------|
| Internal Mic Background Noise Reduction Level | Aggressive |
| Internal Mic Wind Noise Reduction Level       | Normal     |
| External Mic Background Noise Reduction Level | Aggressive |
| External Mic Wind Noise Reduction Level       | Normal     |

Set Internal and External 'Mic Background Noise reduction Level' to 'Aggressive'.

**Please note all External Mic Noise Reduction is DISABLED in the radio when the XE RSM is attached.**

Motorola Solutions, Inc.  
1301 East Algonquin Road, Schaumburg, Illinois 60196, U.S.A.  
800-367-2346  
[motorolasolutions.com](http://motorolasolutions.com)

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. © 2014 Motorola Solutions, Inc. All rights reserved.