

PRELIMINARY OWNER'S MANUAL

CONGRATUALATIONS!

You now own the best value in land mobile radio... from Uniden. You'll find that it gives you consistently outstanding performance in virtually all conditions and situations.

Prior to use, your radio must be properly licensed by the Federal Communications Commission (FCC) and properly installed. Your Uniden Dealer will be able to help you with any or all of these requirements and he will be there to assist you with all your future communications needs.

BASE STATION OPERATION

Base station operation of the MRU400 is as follows:

1. After initial power up, allow a 10 second warm-up period to ensure that the transmitter is within FCC frequency specifications.
2. Rotate the squelch control fully counterclockwise.
3. Turn the squelch control to the right until all background noise disappears.
4. Adjust the volume control for a comfortable listening level.
5. Place the Repeat/Local switch in the "Local" position.
6. The monitor switch is used as follows:
 - a. Switch In : Lets you receive all messages broadcasted on a given channel.
 - b. Switch Out : Lets you hear only those calls meant for you or your group when the microphone is in the hang-up bracket. When a message is received, the CALL light will come on and remain on until you pick up the microphone. This is for the times when you're away from your station.
7. Before transmitting, monitor your channel to ensure that it is not busy. (The BUSY light will be on in this situation.)
8. To transmit, depress the Push-To-Talk switch on the side of the microphone and hold it in while you transmit your message. Release the switch when your message is finished. For better voice quality in your transmissions, hold the microphone vertically in front of your face with the top of the microphone approximately level with your lips.
9. When your message is finished and a reply has been made, it is a good practice to always hang-up the microphone.

REPEATER OPERATION

1. After initial power up, allow a 10 second warm-up period to ensure that the transmitter is

within FCC frequency specifications.

2. Place Repeat/Local Switch in the Repeat position.
3. That's it! The MRU400 is now a single tone accessed repeater.

OPERATING CONTROLS AND THEIR FUNCTIONS

The MRU400 Repeater / Base Station is equipped with the following user controls:

1. On/Off Switch – located on the rear panel. When activated the switch applies AC power to the unit.
2. Power indicator light – This LED will glow green during AC power operation and flash green during battery operation.
3. Transmit Light – This LED indicates the presence of a carrier on the RX frequency and enables the user to know that the channel is busy.
4. Busy Light – This LED indicates the presence of a carrier on the RX frequency and enables the user to know that the channel is busy.
5. Mon (Monitor Switch) – By placing this switch in the monitor position the user can monitor position the user can monitor or receive all messages broadcasted on the channel frequency. When the switch is in the “Tone Sq” position, the user will only hear messages intended for his or her group.
6. Call Light – This LED indicator is provided for use when the MRU400 is utilized as a base station. It will come on and remain on when the correct CTCSS tone has been decoded by the receiver, provided the microphone is in the hang up bracket and the “Mon” switch is in the “Tone Sq” position. Reset of the call light can be accomplished by simply removing the microphone from the hang up bracket or momentarily placing the “Mon” switch in the “Mon” position.
7. Repeat/ Local Switch – When this switch is in the “Repeat” position, repeater action is automatic and the repeater can be accessed by another station as well as the local microphone. In the “Local” position, keying of the transmitter can only be accomplished by the use of the microphone.
8. Squelch Control – This control adjust a the Local audio amplifier opening sensitivity and should be adjusted in the following manner. (Note: This control has no effect on repeater operation).
 - a. Rotate the squelch control counterclockwise until background noise is heard.
 - b. Then rotate the control clockwise until the noise just disappears. For best results,

leave the control in this position. Turning the control further will result in diminished sensitivity.

9. Volume Control – This control adjusts the local speaker audio output level.