

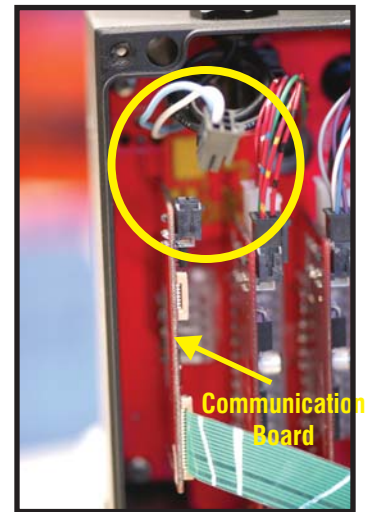
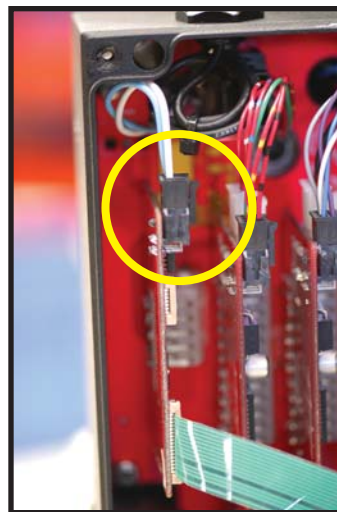
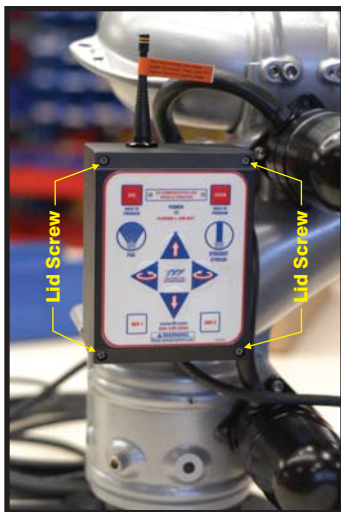
## INSTRUCTIONS FOR INSTALLATION OF RADIO BOARD FOR (YE-RF-##)



Wireless Operator Station



Observe precautions for handling Electrostatic Sensitive Devices. Be sure to touch unpainted, exposed metal on monitor or firetruck before removing and handling circuit boards.

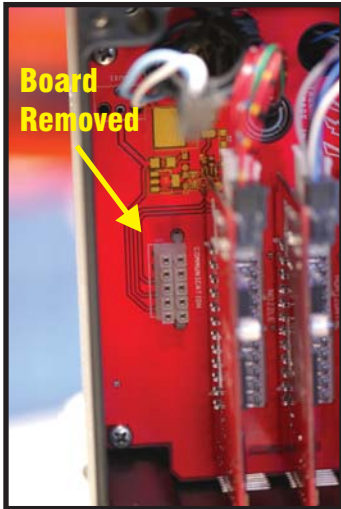


1) Turn off power and remove lid from monitor control box. Unscrew the lid screws but do not remove screws completely from lid. Be careful to open lid slowly as lid is connected to communication board by a flat cable.

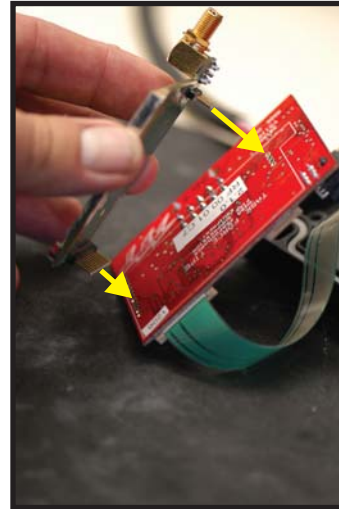
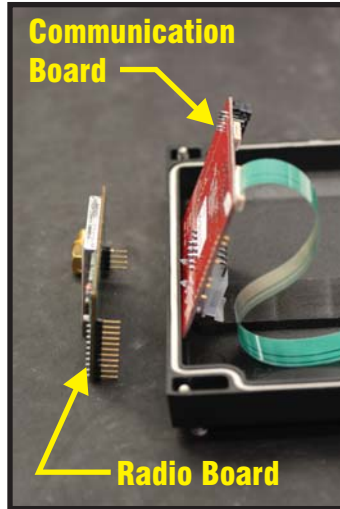
2) Locate connector with blue & white wires on the small communication board on the far left.

3) Unplug connector with blue & white wires from the communication board.

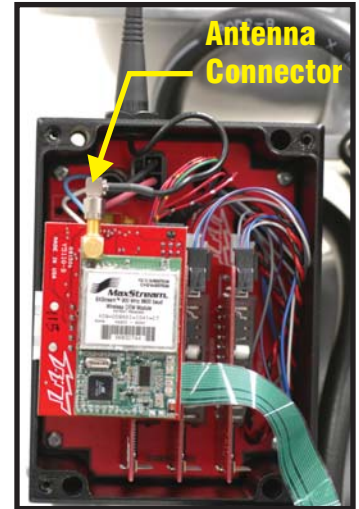
Securely support lid during the installation process.



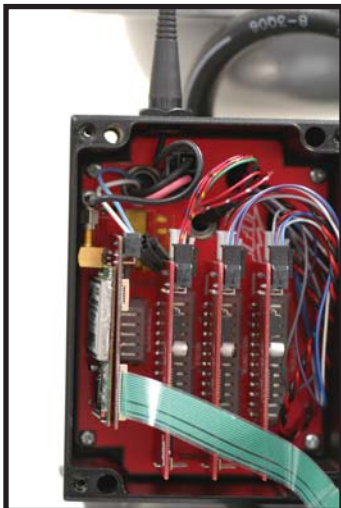
4) Remove the small communication board on the far left. Pull board straight out.



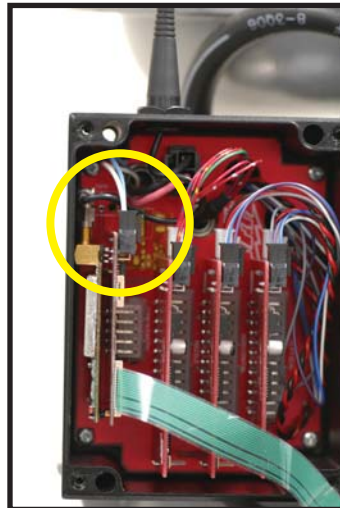
5) Plug radio board into communication board. Be careful to line up pins.



6) Attach antenna connector to radio board with the cable in the orientation. Note, in some RC monitors, cable tie may need to be cut to attach antenna.



7) Plug communication board/radio board into main board. Press down to seat securely.



8) Insert connector with blue & white wires into communication board.



9) Replace lid onto box. Be sure to guide flat cable down across motor boards and to not pinch any wires between lid and box.



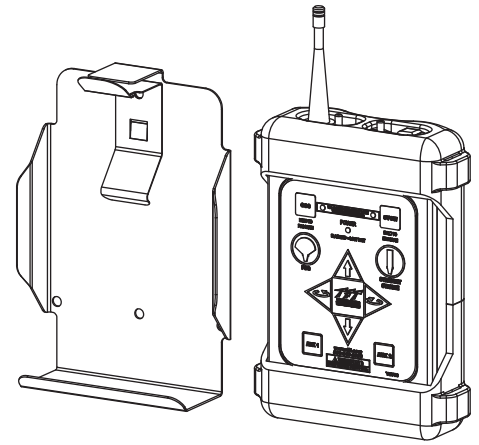
10) Tighten lid screws equally in a criss-cross pattern.

## STORAGE BRACKET MOUNTING

The storage bracket is supplied with (3) 1/4-20 stainless steel self-tapping screws. Make sure the material beneath the bracket is substantial and thick enough to hold self-tapping screws. Make sure the area on the backside of the mounting surface is clear of obstructions. We recommend a minimum thickness of 3/32" (.093" - 2.4 mm) in aluminum and 5/64 (.078"-2mm) in steel. See the chart on back page to determine the correct pilot hole size.

Select proper location for mounting storage bracket. Panel space required will be 6.0" x 11.2" (152 x 285mm). Refer to back page for hole dimensions. Bracket can be used as a template. **Be sure spring is in position.**

Mounting Template  
on back page.



## TEACHING ID CODE:

**NOTE: When the operator station is purchased at the same time as RC monitor, handheld unit will be pre-taught at factory.**

**NOTE: When the operator station is purchased at the same time as RC monitor, handheld unit will be pre-taught at factory.**

**NOTE: Before teaching, monitor should be powered down.**

**NOTE: If multiple monitors are present, apply power only to the monitor being taught, otherwise possible conflicts may occur.**

Every monitor has a unique ID code that must be "taught or transferred" to the wireless handheld unit. This unique ID code allows multiple monitors to be used in one location without interference. Perform the following procedure to teach the handheld unit.

### On Wireless Handheld Unit:

- Press POWER button to turn on electronics.
- Press and hold both LEFT & RIGHT buttons simultaneously for 5 seconds.
- Continue to press the LEFT & RIGHT buttons and then press UP button for 2 seconds.
- Release buttons. After several seconds the OSC & STOW lights will flash rapidly to indicate that the unit is in teach mode.

### On Monitor Control Box:

- Apply power to monitor.
- Press and hold both LEFT & RIGHT buttons simultaneously for 5 seconds.
- Continue to press the LEFT & RIGHT buttons and then press UP button for 2 seconds.
- Release buttons. After several seconds the OSC & STOW lights will flash rapidly to indicate that the unit is in teach mode. ID code is automatically transferred to the wireless handheld unit.
- OSC & STOW lights on handheld unit will stop flashing after ID code is transferred.
- Press DOWN button on monitor control box to exit teach mode.
- Cycle power off and back on to monitor.

In the event the handheld unit does not link up with the monitor, perform the following at the monitor operator station and the handheld unit.

- Turn off power.
- Press and hold DOWN button.
- Apply power to the monitor, continue to hold DOWN button for 3 seconds.
- Release DOWN button.
- After green POWER light stops blinking, test wireless handheld unit.
- Repeat above procedure for "Teaching ID Code"

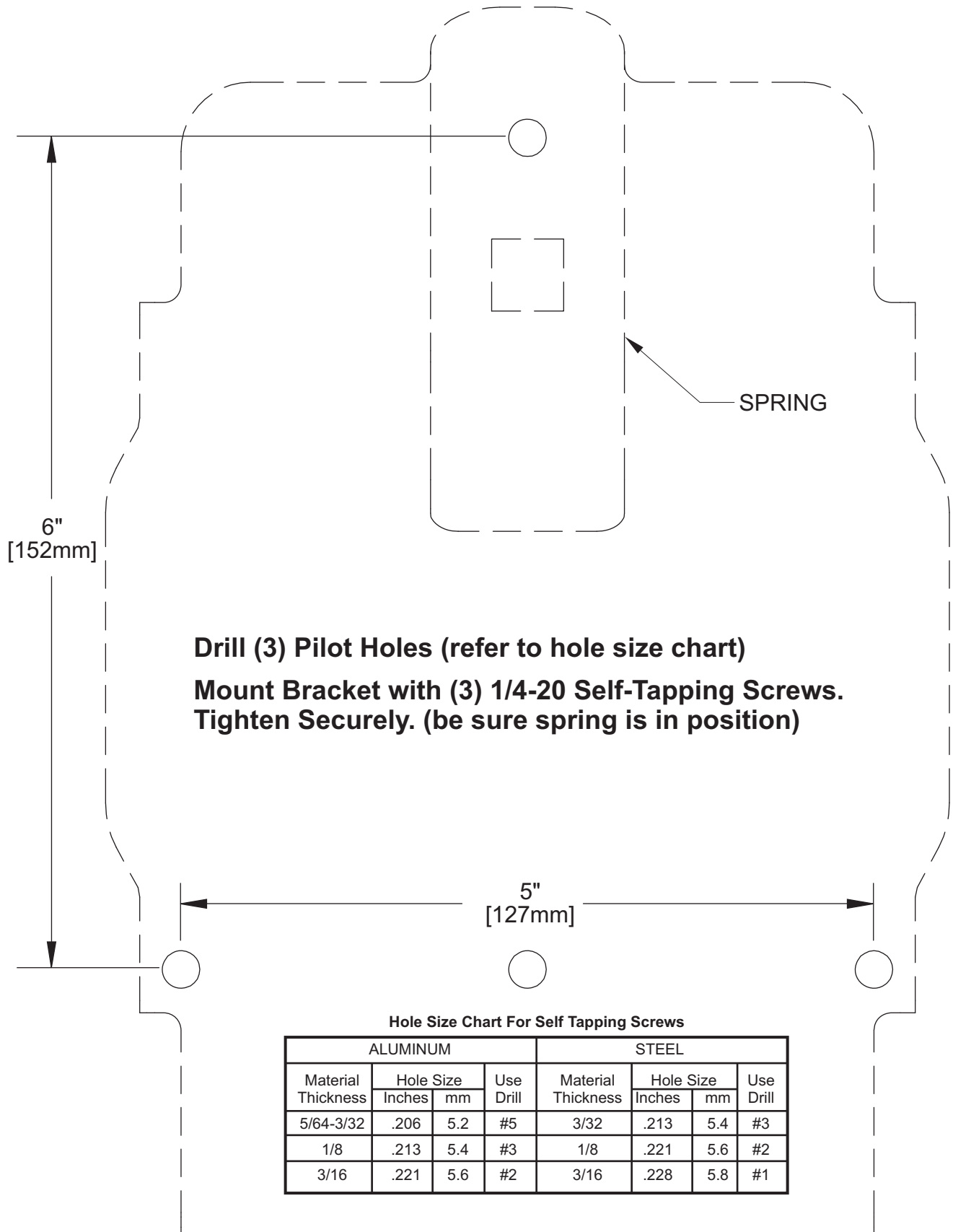
## CHANGING BATTERIES IN WIRELESS HANDHELD UNIT:

### Four (AA) Batteries, Lithium Recommended

- Remove two (2) screws on backside of handheld unit and slide bottom half of rubber bumper off enclosure.
- Replace batteries verifying that polarity is correct.
- Replace rubber bumper and retaining screws.



**Properly dispose of old batteries. Do not puncture, incinerate, or disassemble batteries. Do not mix battery types.**



**Hole Size Chart For Self Tapping Screws**

ALUMINUM				STEEL			
Material Thickness	Hole Size		Use Drill	Material Thickness	Hole Size		Use Drill
	Inches	mm			Inches	mm	
5/64-3/32	.206	5.2	#5	3/32	.213	5.4	#3
1/8	.213	5.4	#3	1/8	.221	5.6	#2
3/16	.221	5.6	#2	3/16	.228	5.8	#1