

# INSTRUCTION MANUAL

## XM-5000 VRA RF

**SERIES II**

REV 8 FCC

### PACKAGE CONTENTS

- 2-Rectangular Plexiglass Boxes
- 1-Wireless Remote Control (REM-5000)
- 2- DC 9 Volt Power Adapter (ADA-13)
- 1-Power Splitter Y-Cord (CAB-66)
- 2-14' Exten Power Cables (CAB-010)
- 1-RF RECEIVER MODULE
- 2-3.5mm M-M Cable 12 Foot (CAB 012)



REMOTE CONTROL  
(REM-5000 RF)



14' POWER EXTENSION CABLES(CAB-010)  
POWER Y-CORD (CAB-66)  
3.5mm Cables 6'/12' (CAB-012)



DC 9 VOLT  
ADAPTER

RF RECEIVER  
MODULE



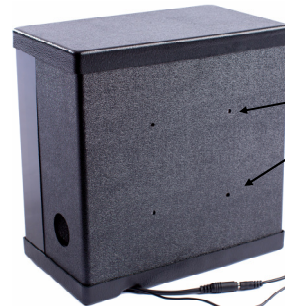
**STEP ONE:** Position each Reinforcer box over or near the left and right sound field speakers.

Mounting these boxes to the wall of the sound room can be done by one of these four options:

- 1) Using optional Dual Arm mounting brackets (DUA-001)
- 2) Using self tapping screws through predrilled holes on back of box
- 3) Using Velcro or double back tape to mount to top of loudspeakers.
- 4) Use optional corner mounting brackets (INS-KIT2) for mounting boxes in the corners of the sound booths.

**STEP TWO:** Insert cables for power into bottom of each VRA box connector block. (See LEGEND) Insert 3.5mm cables from RF RECEIVER MODULE into IR SENSOR (blue) jack underneath each reinforcer box.

**STEP THREE:** Mount centering box in between units onto wall using self tapping screws through the eyelet holes in back of box or double back tape to hold into position.

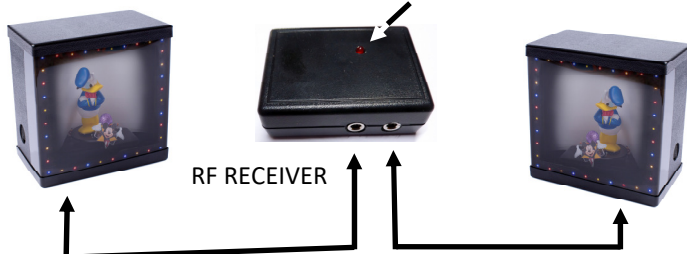


Use mounting holes on back of box to screw to wall or use mounting brackets

### LEGEND

- Volume DOWN Button\*
- Volume UP Button\*
- POWER-Coax Silver (2.1)
- IR SENSOR-BLUE
- CENTER BOX -RED (RCA)
- WIRED OUTPUT-BLACK
- WIRED INPUT-BLACK

LED BLINKS WHEN CONNECTED & ACTIVATED



*\*Volume can only be adjusted when unit is not activated.*

**PEHRATEK PRODUCTS**

INTERCHANGEABLE TOY KIT (TOY-022) 6 Toys



**NEW ELITE**  
**VRA+SPEAKER**  
 XM-5000 VRA SLIDES IN-  
 TO SPEAKER CHANNEL  
 CAN BE MOUNTED ON  
 TOP OR BOTTOM  
 SPACE SAVING SLEEK  
 WOODEN DESIGN  
 FOAM GRILL CAN BE  
 CLEANED



**CORNER MOUNTING  
 BRACKET/INSTALLATION KIT  
 (INS-KIT2)**

**MOVING DOG CENTER BOX  
 (LPA-600)**

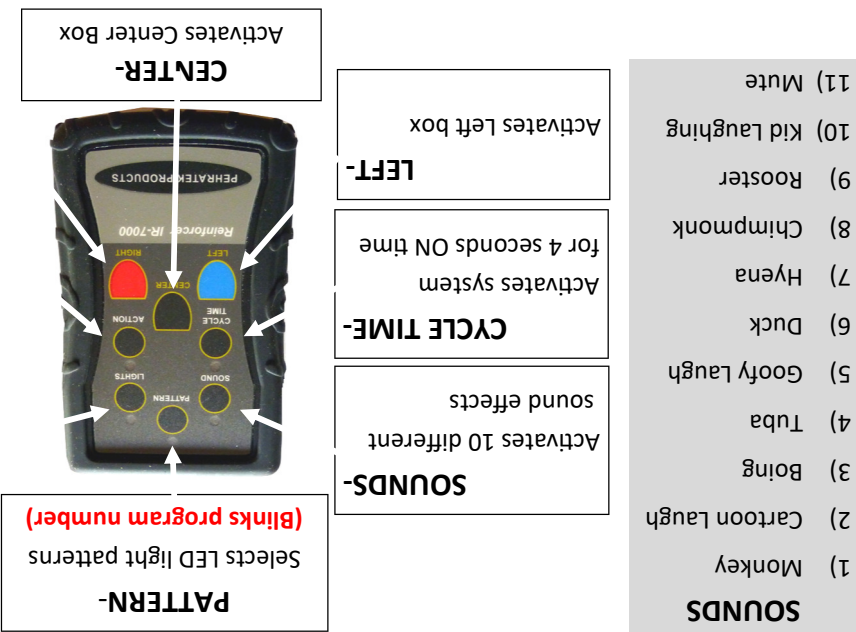


**DUCK CENTER BOX  
 LPC-200**



**OPTIONAL ACCESSORIES**

NOTE: Pattern Light blinks when signal is being sent from remote when depressing RIGHT/LEFT/CENTER buttons




- SOUNDS**
- 1) Monkey
  - 2) Cartoon Laugh
  - 3) Boing
  - 4) Tuba
  - 5) Goofy Laugh
  - 6) Duck
  - 7) Hyena
  - 8) Chimponk
  - 9) Rooster
  - 10) Kid Laughing
  - 11) Mute

**REMOTE CONTROL OPERATION**

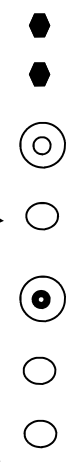
# TROUBLESHOOTING

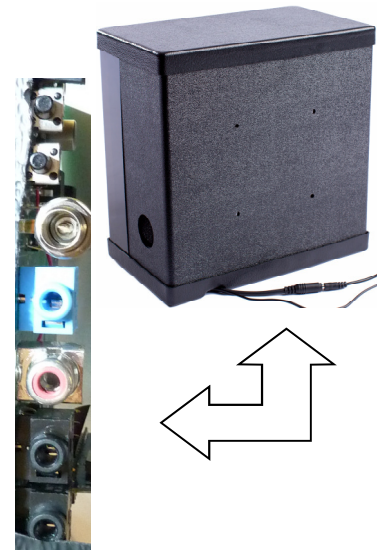
SYMPTOM	CHECK
Nothing/Dead	Check power cord for tight connection. Make sure outlet has power available.
Will not activate	Check IR sensor plugged in . Check identity pin in proper location. (See page 4)
Right activate with Left button	Change box identity pin on inside display board (See page 4)
Works inside booth not test room	Check cable to remote IR Sensors and placement for best pickup
Intermittent operation	Reposition IR sensor for more direct line-of-site pick up
Stays on long after button press	Check that Cycle Time button is not activate (LED is ON)
Humming or buzzing sound	Gently reposition toy until noise stops
Erratic Operation	Check for other sources of infra-red signals (LCD monitor, incandescent bulbs, etc)

## CONNECTOR BLOCK



*\*(Can use Y-CORD (CAB-66) from one Power Pack to operate both units)*  
**Use Power Extension Cables to lock into jack**






**LEGEND**

- Volume DOWN Button\*
- Volume UP Button\*
- POWER-Coax Silver
- IR SENSOR-BLUE
- CENTER BOX -RED
- WIRED OUTPUT-BLACK
- WIRED INPUT-BLACK

**FOR WIRED CONNECTIONS**



**\*Volume can only be adjusted when unit is not activated.**

NOTE\* POWER ON RED LED IS INSIDE BOX ON BACK PC BOARD

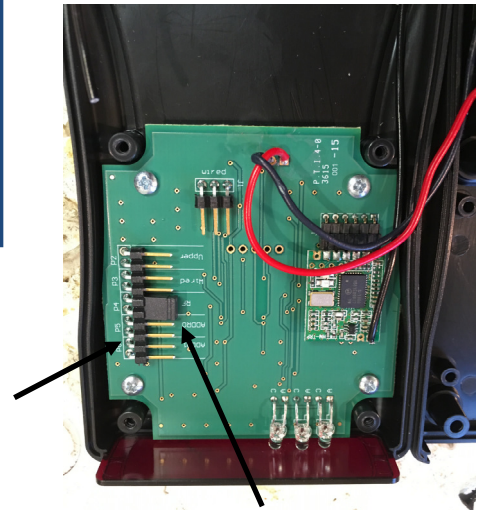
### CONTACT

PEHRATEK PRODUCTS  
 9285 Pierson Lake Drive  
 Chaska, MN 55318 866-470-3532



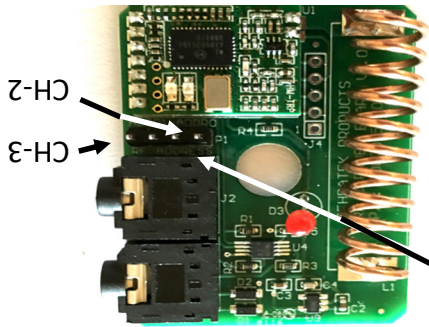
# HOW TO CHANGE RF CHANNELS

**DO NOT REMOVE JUMPER ON RF PINS**



PLACE JUMPER ON THE PINS MARKED AS BELOW ON BOTH TRANSMITTER AND RECEIVER TO OPERATE ON SECONDARY CHANNELS (UP TO 4)

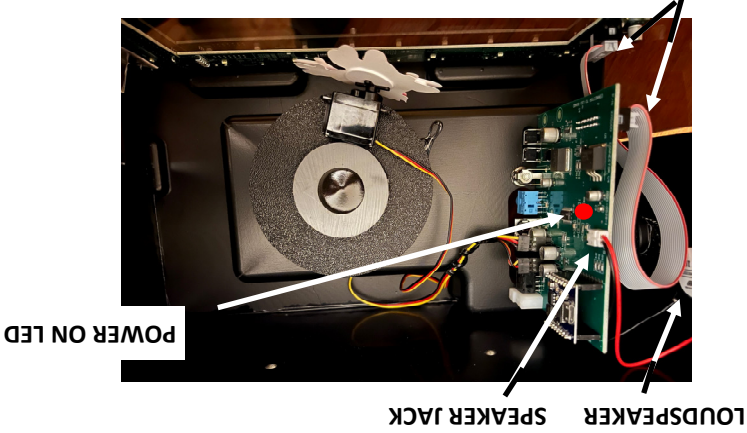
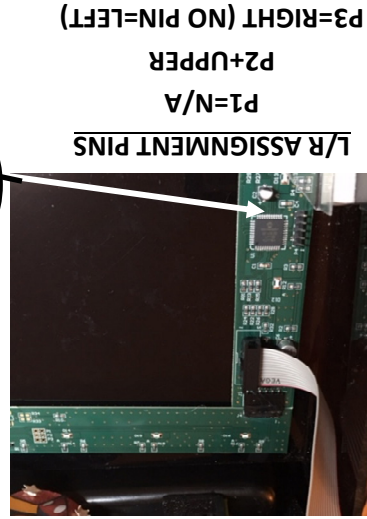
**FOUR CHANNELS**  
 NO JUMPER=CH 1  
 ADDR 01=CH 2  
 ADDR 02=CH 3  
 JUMPERS ON BOTH=CH 4  
**MAKE ALL CHANGES WITH BATTERIES REMOVED**



**RF RECEIVER MODULE**  
 XM-5000 RF VDS-3000 RF

**NOTE: Always power cycle the remote and VRA boxes after changing channels.**

# TROUBLESHOOTING



**\*Volume can only be adjusted when unit is not activated.**  
**Buttons are located on bottom of unit**

Per FCC 15.19(a)(3) and (a)(4) This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC 15.21, The user manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.