

INSTRUCTION MANUAL

XM-5000 VRA



PACKAGE CONTENTS

- 2-Rectangular Plexiglass Boxes
- 1- Wireless Remote Control
- 2- DC 9 Volt Power Adapters
- 2- IR Sensors/Extension Cable
- 1- Sticker Pack



REMOTE CONTROL



IR SENSOR



EXTENSION CABLE



DC 9 VOLT
ADAPTER



Optional Mounting
Bracket for flush
mounting to wall
(CTR-MT)



Optional Dual-Arm
mounting bracket
(DUA-001)

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 bracket (INS-KIT2) for mounting boxes in the corners of the sound booths.

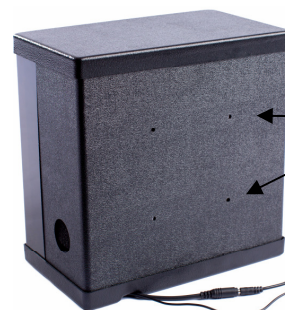
STEP TWO: Insert cables for power and IR sensors into bottom of each VRA box connector block. (See LEGEND) The high power IR LEDs will flood a room with infra-red light to activate the boxes even if they are not directly pointed at the reinforcer box.

STEP THREE: Placement of IR sensors in booth for optimal pickup.

- 1) Position IR sensor higher up on wall in plain view of test viewing window where remote control will be aimed into booth.
- 2) Typically IR sensors are positioned directly on viewing glass up high using extension cables supplied.

NOTE: Each box has built in IR sensor to activate units in the sound booth with the remote control.

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

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

PEHRATEK PRODUCTS

REMOTE CONTROL OPERATION

SOUNDS

- 1) Duck
- 2) Cartoon Laugh
- 3) Funny Cough
- 4) Monkey
- 5) Rooster
- 6) Kid Laughing
- 7) Dinkel
- 8) Boing
- 9) Horn
- 10) Goofy Laugh

SOUNDS-

Activates 10 different sound effects

CYCLE TIME-

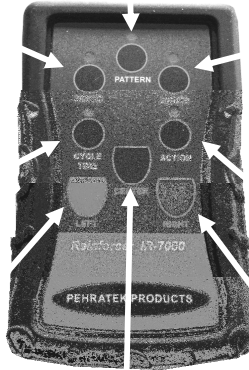
Activates system for 4 seconds ON time

LEFT-

Activates Left box

PATTERN-

Selects LED light patterns
(Blinks program number)



CENTER-

Activates Center Box

LIGHTS-

Activates bright back lights to illuminate figure

ACTION-

Activates 4 different Actions/movements

RIGHT-

Activates Right Box

LIGHT PATTERNS

- 1) Marquee Dot
- 2) Marquee Bar
- 3) Marquee-Segment
- 4) All On Flashing
- 5) Blinking Random

MOTION

- 1) Back & Forth
- 2) Stutter Swing
- 3) Shift-Shift-Back
- 4) No Motion

NOTE: To cycle through various options press the function's button once to advance to the next option. The LED above the function button will blink for the number of option

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

OPTIONAL ACCESSORIES

DUAL-ARM MOUNTING BRACKET

DUA-001



REPLACEMENT REMOTE CONTROL

REM-5000



DUCK CENTER BOX

LPC-200



MOVING DOG CENTER BOX

LPA-400



CORNER MOUNTING

BRACKET/INSTALLATION KIT

INS-KIT2



MAGNETIC
BASE

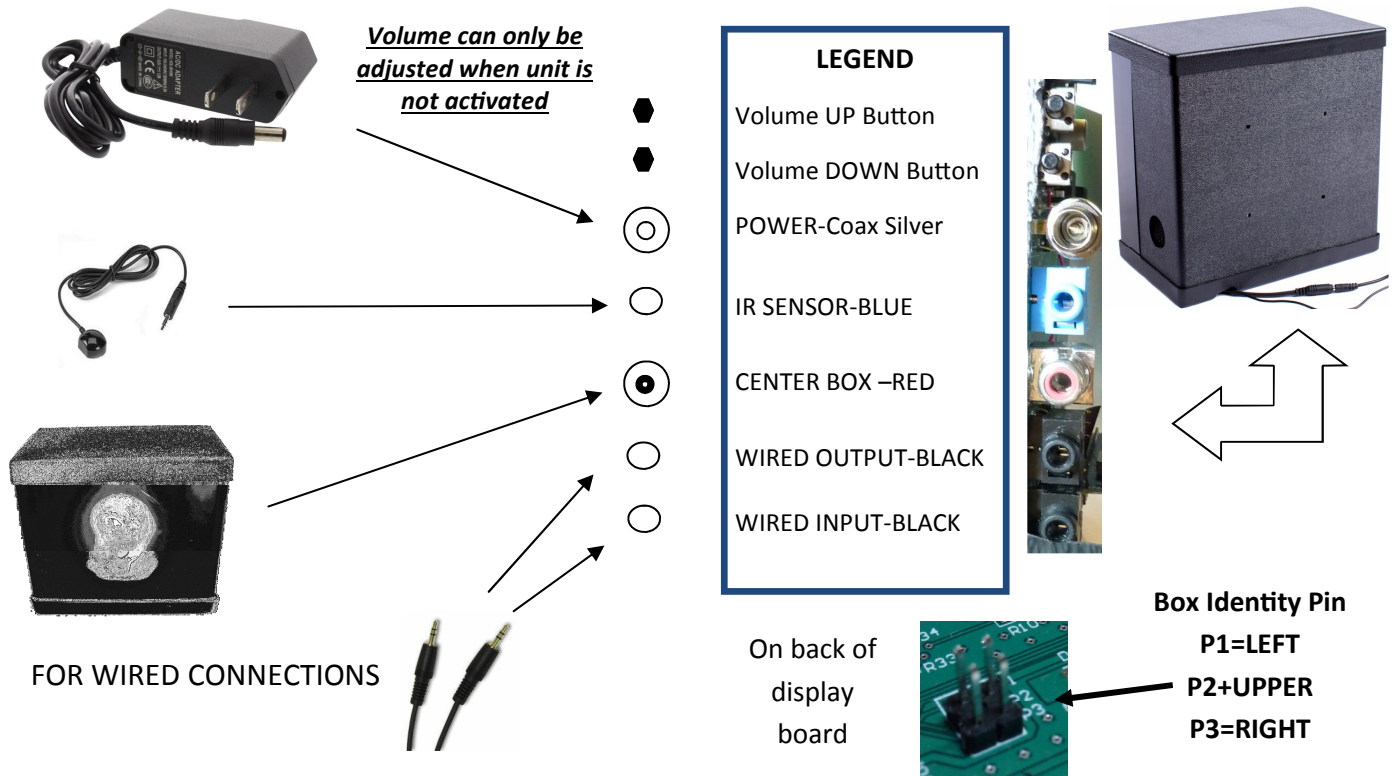
INTERCHANGEABLE TOY KIT (TOY-022) 6 Toys

P EHRATEK **P** RODUCTS

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 pickup
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

CONNECTOR BLOCK



CONTACT

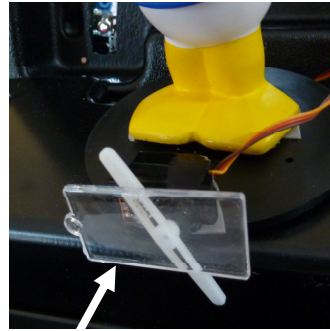
PEHRATEK PRODUCTS
9285 Pierson Lake Drive
Chaska, MN 55318 (952) 470-9063

PEHRATEK PRODUCTS

CUSTOMIZING THE DISPLAY WITH STICKERS

To Change Sticker Stimulus

- 1) Unplug power to box
- 2) Remove cover (pull up)
- 3) Tilt down front plexiglass cover to get access (Single cable is attached)
- 1) Carefully remove old sticker from mounting plate on moving arm and reattach new sticker with double back tape or self adhesive.
- 2) Close front cover and replace lid
- 3) Change stickers when desired to renew interest



Sticker Mounting Plate



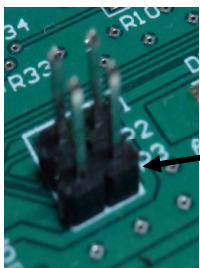
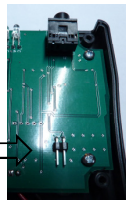
Sample Sticker Pack
(STK=-001)
(Items may change)

WIRED OPERATION/QUAD REINFORCERS

The XM-5000 can be operated in the hard wired mode using the Hard Wired Conversion Kit (HW-0012)

To convert the XM-5000 to wired operation follow these steps:

- 1) Unplug IR Sensors from bottom of each unit.
- 2) Remove 4 screws from remote control to open case. Remove front red lens from case by sliding it upward. Replace with black lens.
- 3) Plug in 3.5mm cable (CAB-009) (24 foot) into jack on front of remote control. Plug opposite end into the black jack in the bottom of one reinforcer box. Plug the second 3.5mm cable into the second black jack of same box and the other end into the same black jack on other reinforcer box to complete the network.
- 4) **QUAD BOXES:** Up to a total of 4 reinforcer boxes can be daisy chained using this system to make it a QUAD SYSTEM. To assign each box on the network, the jumper must be positioned into the Box Identity Pin Connector (P1/P2/P3) on each display board. (see photo) To activate UPPER and LOWER boxes in a Quad setup, press "Cycle" button on remote control to operate UPPER boxes , OFF to operate LOWER boxes. Place jumper on 2 prong connector underneath circuit board in remote control for QUAD operation.



BOX IDENTITY PIN

P1=LEFT
P2=UPPER
P3=RIGHT



REMOTE CONTROL



(CAB-009)



PEHRATEK PRODUCTS