

# TELEPATH



\*Patent Pending

## **User Manual**

Please read all the information carefully before operating this system and keep it in a safe place for future reference.

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## INTRODUCTION

Thank you for purchasing the **TELEPATH** system. **TELEPATH** is a one way communication coaching system that allows you to be heard by all the players all the time. Designed for practices and scrimmages, it allows a coach to communicate philosophy, strategy, style of play, and opportunity instantly and clearly without shouting or whistles. **TELEPATH** uses the latest in wireless technology. Coaches can keep players focused and motivated without disrupting the flow of practice by starting and stopping. Please read the manual before using this system and we hope you enjoy your **TELEPATH** system.

## IMPORTANT SAFETY INFORMATION

When using your Coach / Player product, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to people, including the followings:

1. Read and follow all user instructions and warnings carefully.
2. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
3. Do not handle the unit with wet hands or clean it while it is being charged.
4. Do not immerse in water.
5. Do not expose this product to excessive heat for extended period of time. High temperature may distort some plastic components and shorten the product lifetime.
6. Do not disassemble this product. No user serviceable parts are inside. Take it to a qualified serviceman when service or repair work is required. Doing so may expose you to dangerous voltage or other risks. Incorrect re-assembly may result in electric shock when the product is subsequently used.
7. If any smoke or unusual smell happens, please turn off the product right away and then contact the distributor for after-sales service.
8. Do not place the charging adapter in your mouth while the unit is plugged into the wall outlet.

## SPECIAL FEATURES

### **Coach Unit:**

- △ VOX (Voice Active Transmitting) sensitivity level adjustment.
- △ External PTT (Wand) design.
- △ Both internal and external microphones available.
- △ Battery low indication.
- △ Low power consumption.
- △ Working channel memory design.

### **Player Unit:**

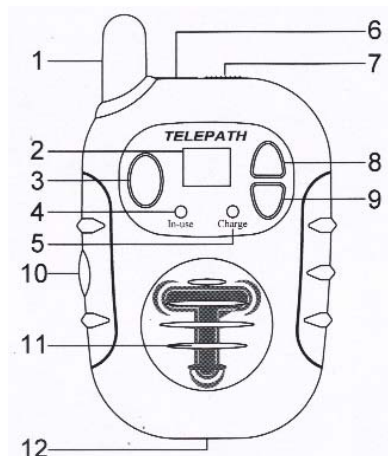
- △ Volume level selectable design.
- △ Battery low indication.
- △ Low power consumption.
- △ Working channel memory design.

## SPECIFICATIONS

Contains	Coach	Player
Working Frequency	462.5625 ~ 467.7125MHz	
Number of Channel	14	
Channel Spacing	25KHz	
Operating Temperature	- 20 ~ + 60°C	
Working Voltage	DC 3.7V (DC 3.3~4.0V)	
Modulation	FM	
Standby current	< 10mA	< 25mA
Receiving sensitivity		< 0.18uA (12dB SINAD)
Transmitting Power	< 128.47mW (Include Antenna Gain)	
Transmitting Current	< 200mA	70~100mA
Transmitting Frequency Tolerance	+/- 5KHz	
Transmitting Radiation	<-50dB	
Transmitting Range	Approx. 350 yards	

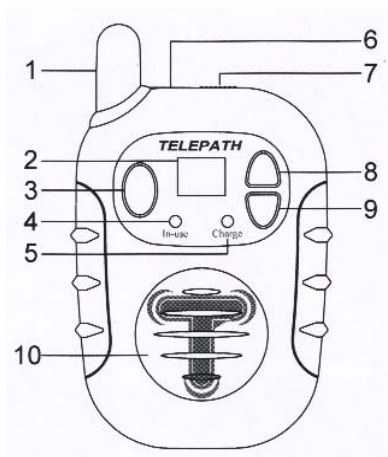
## PARTS LOCATION AND FUNCTION

### Coach Unit



- |                                  |                                  |
|----------------------------------|----------------------------------|
| 1. Antenna                       | 2. LCD Display                   |
| 3. Channel / Volume Function Key | 4. In-use Indicator              |
| 5. Charging Indicator            | 6. Charging Port                 |
| 7. Power Switch                  | 8. Up Key                        |
| 9. Down key                      | 10. Push to Talk Button          |
| 11. Microphone                   | 12. Headset/Microphone/Wand Jack |

### Player Unit



- |                                |                     |
|--------------------------------|---------------------|
| 1. Antenna                     | 2. LCD Display      |
| 3. Channel/Volume Function Key | 4. In-use Indicator |
| 5. Charging Indicator          | 6. Charging Port    |

- 7. Power Switch
- 9. Down Key

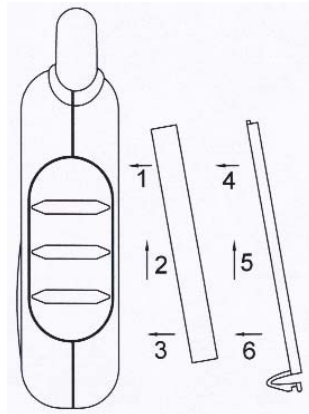
- 8. Up Key
- 10. Speaker

## THE BATTERY

The system comes with a lithium rechargeable battery and charging adapter. It is important to fully charge the battery before initial use. Keep the battery charged while not in use to maximize working time.

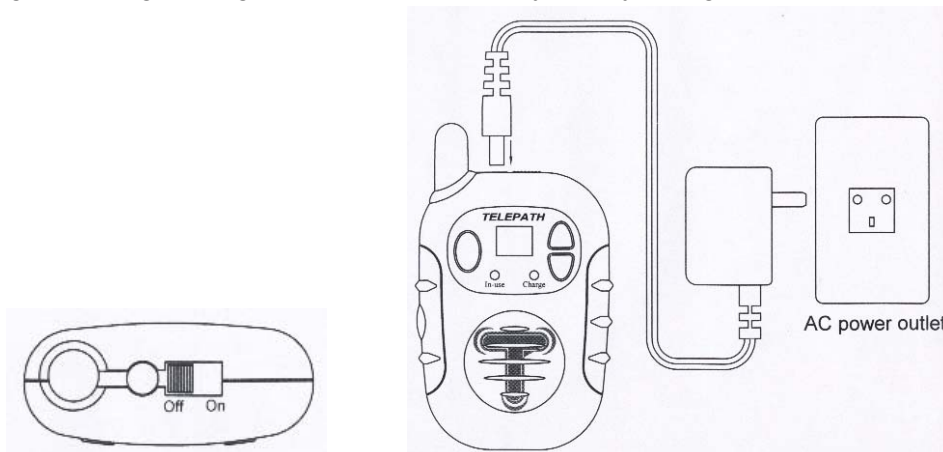
### Installing the Battery

Insert top of battery with contacts in upper left corner into opening on the back of the unit. Push the battery down into position and replace cover securely.



### Charging the Battery

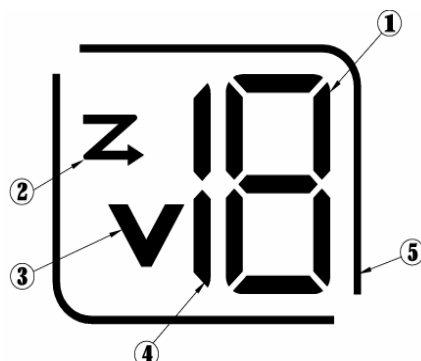
Turn power off on the unit. Insert the charging adapter's plug into the unit's charging port. Plug the charging adapter into an AC outlet. Please check whether the adapter meets your local AC power source requirements. The red light indicates the battery is charging and the green light indicates the battery is fully charged.



### Battery Capacity

Coach Unit: The battery capacity is longest when used with the Push to Talk Wand (approx. 4 hrs). Using the Voice Activated Transmitting the capacity is approx. 2.5 hrs.  
Player Unit: The battery capacity is approx. 4 hrs.

## LCD DISPLAY

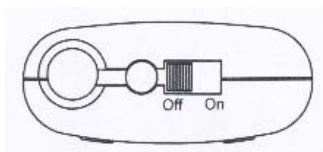


1. Digital display to show channel, volume level on receiver unit or VOX level on Coach unit.
2. Key lock display.
3. Function display to show volume level adjustment.
4. Digital display to show channel, volume level on receiver unit or VOX level on Coach unit.
5. Transmitting indicator for Coach unit.

## OPERATION

### 1、Turning the Unit On and Off

Slide the power switch to the right to turn on the unit. The In-use display will light up briefly and the LCD display will come on ready to operate. To turn off the unit slide the power switch to the left and the LCD display turns off. After each use the volume and channel is saved in memory and will be in the same setting every time you turn it on.



### 2、Transmitting VOX Sensitivity Level Adjustment for Coach Unit

Press "UP" or "DOWN" key to adjust the VOX sensitivity level. There are 9 adjustable VOX levels, 1 is the most sensitive level and 9 is the least sensitive.  
Press Function key once to return to channel display after your adjustment.

### 3、Receiving Volume Adjustment for Player Unit

Press “UP” or “DOWN” key to adjust the volume. There are 15 adjustable levels. Level 1 is the lowest and Level 15 is the highest.

Press Function key once to return to channel display after your adjustment.



### 4、Channel Selection

Press Function key once, the existing channel number will flash, then use “UP” or “DOWN” key to adjust preferred channel for use. There are 14 channels.

Press Function key once again to return to channel display after your adjustment.



### 5、Key Lock Setting

Press Function key and keep pressing till the key lock mark appears, then all the keys will lose function. To release key lock function, press Function key and keep pressing till key lock mark disappears.



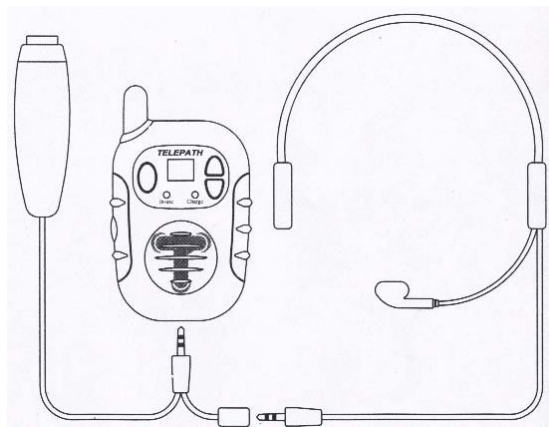
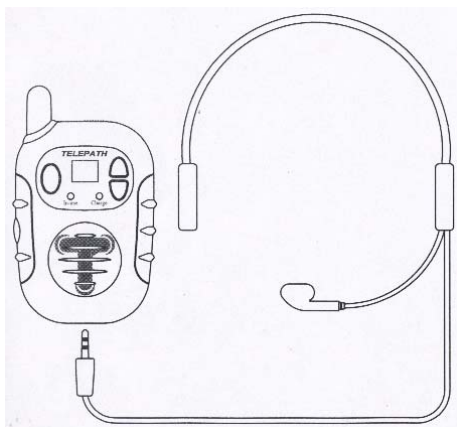
### 6、Transmitting for Coach Unit

- a. The coach unit is designed with VOX (Voice Activated Transmitting) function, which will automatically turn on by connecting the headset directly to the transmitter.

Note: The VOX may need 1 second to activate the transmitter. You may lose your voice during this period.

- b. A specially designed Wand can be used with the microphone headset. Pressing the transmitting button on the Wand will transmit the voice. (Push to Talk)
- c. The unit is also designed with a transmit button that the user can press for operation like a walkie talkie.





## 7、Receiving for Player Unit

Under the circumstances of same frequency channel's transmitting on coach unit, the player unit will receive the voice. The In-use light comes on when the player unit is receiving the voice.

## STRAP AND ACTIVE GEAR

The system comes with 2 adjustable straps and active gear. Place the unit in the active gear with speaker showing and strap it securely on the upper arm. For lacrosse and ice hockey we recommend the player unit be worn on the front of the bicep where it is less likely to get hit directly by a stick. The active gear is machine washable in warm water and tumble dry.

Note: remove electronics before washing.

Coach Unit: 2 straps are provided enabling it to be worn on the arm or around the waist.

## STATEMENT

### THE FCC WANTS YOU TO KNOW

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the *FCC Rules*. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your local RadioShack store or an experienced radio/TV technician for help.

The 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.

### CAUTION

To maintain compliance with the FCC's RF exposure guidelines, hold the transmitter and antenna at least two inches from your face and speak in a normal voice, with the antenna pointed up and away from your face. If you wear the handset on your body while using the headset accessory, use only the supplied belt clip for this product. When transmitting, take it out of the belt to ensure the antenna is at least one inch (2.5cm) from your body.

Use only the supplied antenna. Unauthorized antennas, modification, or attachments could damage the transmitter and may violate FCC regulations.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.