



HAMMERJACK™

INSTRUCTION MANUAL



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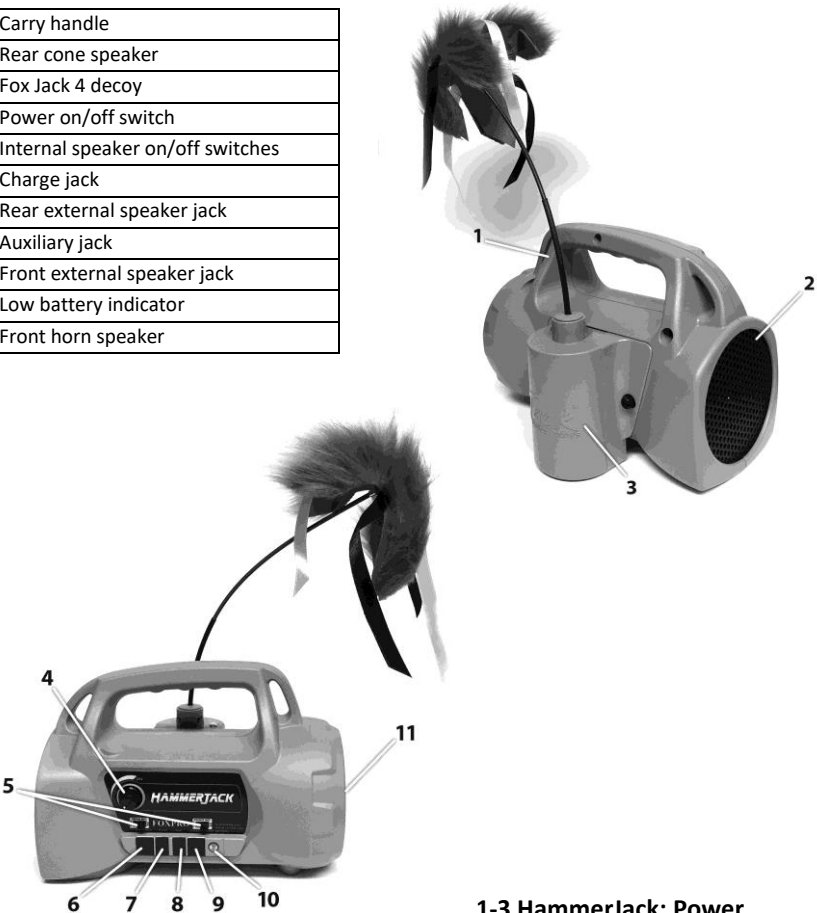
1. Getting Started

Congratulations on your purchase of the FOXPRO HammerJack digital game call! To avoid personal injury and product damage, be sure to read all operating instructions before using the FOXPRO HammerJack.

1-2 HammerJack: First Glance

The following chart corresponds to a graphic of the HammerJack game call bellow. Certain aspects of the HammerJack are marked with a number that corresponds to the chart defining that particular element.

1	Carry handle
2	Rear cone speaker
3	Fox Jack 4 decoy
4	Power on/off switch
5	Internal speaker on/off switches
6	Charge jack
7	Rear external speaker jack
8	Auxiliary jack
9	Front external speaker jack
10	Low battery indicator
11	Front horn speaker



1-3 HammerJack: Power

Requirements

The HammerJack is shipped without batteries. It requires 8 ‘AA’ batteries. You may use alkaline batteries to get started, but it is recommended that you use high capacity rechargeable NiMH (nickel metal hydride) batteries or one of FOXPRO’s optional rechargeable battery packs.

Installing Batteries in the HammerJack

- 1. Access the battery compartment by removing the Fox Jack 4 from the back of the HammerJack. The Fox Jack 4 is secured with a knurled thumbscrew. Notice that the Fox Jack 4 has an interface wire attaching to a wiring harness inside the back of the HammerJack. You can disconnect this

wire if needed. After the Fox Jack 4 is removed, locate the black plastic battery tray. This tray is double-sided, providing spaces for 8 ‘AA’ batteries. The tray is connected to a power cable—you may unplug this cable during battery installation.

2. Place the batteries into each battery cavity. Be sure to observe polarity as indicated.
3. Reconnect the power cable (if you unplugged it) and the Fox Jack 4 interface wire (if you disconnected it). Place the battery tray back inside of the HammerJack.
4. Secure the Fox Jack 4 back on the HammerJack.

1-4 TX915 Transmitter: First Glance

The following chart corresponds to a graphic depicting the HammerJack remote. Certain aspects of the HammerJack remote are marked with a number that corresponds to the chart defining that particular element.

1	Power on/off
2	Select
3	Volume up/down
4	Mute
5	Quick access buttons for preset 1 and preset 2
6	Lanyard loop
7	Auxiliary button
8	User button
9	Sound up/down
10	Back/Menu
11	Timer
12	Battery indicator
13	Sound list upload jack
14	Mute status indicator
15	Volume level indicator
16	FOX BANG indicator



1-5 TX915 Transmitter: Power Requirements

The HammerJack remote operates on 3 ‘AA’ batteries. It is recommended that you use high-quality lithium or alkaline batteries for the best performance.

Installing Batteries in the HammerJack Remote

1. Access the battery compartment by removing the door from the back of the remote. The door slides down and off of the remote.
2. Place the batteries into each battery cavity while observing polarity as indicated.
3. Slide the battery compartment door back on the remote.

2. Quick Start Guide

The Quick Start Guide gives you a quick rundown on how to get your HammerJack up and running right away. While this section provides you with the basics to get started, we strongly suggest reading the manual in its entirety to fully understand all of the features and get the most out of your new product.

2-1 Playing Sounds

The primary function of your HammerJack game call is to produce sounds to attract wildlife. This section explains how to turn on the HammerJack and the TX915, and how to start playing sounds. Be aware that the HammerJack can only play sounds by being commanded by the TX915 transmitter.

IMPORTANT NOTE
THE TX915 TRANSMITTER IS NOT INTENDED TO OPERATE THE CALLER AT DISTANCES SHORTER THAN 1 METER (3 FEET). IF THE TRANSMITTER IS LOCATED TOO CLOSE TO THE CALLER, PROPER OPERATION CANNOT BE ENSURED.

1. Turn on the HammerJack by turning the power on/off switch clockwise until it clicks.
2. Make sure that at least one of your internal speakers is turned on by sliding the respective speaker on/off switch to the right or “on” position.
3. Turn on the TX915 transmitter by pushing and holding the power button for approximately 1-2 seconds.
4. Notice the black horizontal highlight bar on the TX915 display. The bar moves up and down the screen as you use the “Scroll Up” or “Scroll Down” arrow buttons.
5. Move the highlight bar to one of the sound categories and push the “Select” button. Doing this results in displaying all of the sounds in that particular category. To exit the current category, push the “Back/Menu” button.
6. After moving the highlight bar to the sound you wish to play, push the “Select” button a single time to begin playback. You won’t hear anything at first as the volume level hasn’t been set.
7. **To adjust the volume:** Use the “Volume Up” button to raise the volume level to your desired setting. Use the “Volume Down” button to decrease the volume level. The transmitter has 20 volume steps.
8. **To silence the sound:** Push the “Mute” button a single time. When muted, the mute status indicator on the TX915 display shows an “M” and the current sound is silenced. Un-muting is accomplished by pushing the “Mute” button a second time (the “M” will no longer be displayed and the sound will resume playing).
9. **To switch sounds:** Use the scroll buttons to navigate to a different sound and push the “Select” button. You can switch sounds while the HammerJack is actively playing a sound or while muted.
10. **To turn off the TX915:** Push and hold the power button for approximately 1-2 seconds. Be aware that turning off the remote control does not end sound playback on the HammerJack. If you are finished calling, use the “Mute” button to silence the HammerJack prior to turning off the TX915.
11. **To turn off the HammerJack:** Rotate the power switch to the off position (counter-clockwise).

2-2 Using Favorites/Presets (P1 and P2)

The TX915 transmitter is capable of storing up to 10 unique presets/favorites. A preset, or favorite, is a shortcut to a specific sound and volume level. The TX915 has 2 quick-access preset buttons located on the keypad labeled “P1” and “P2.” By default, the transmitter has one preset established which is sound 000 (Coyote Pup Distress 3) at volume 10 (50% max).

Creating a New Favorite/Presets

1. From the main screen on the transmitter, select the “Favorites/Presets” menu item.
2. Select one of the 10 preset slots. Notice that the screen indicates “Preset Recording” on the top line of the display. The second line down displays “P1 – Select Sound.”
3. Use the scroll buttons to highlight the sound you want to select for this preset and then push the “Select” button.
4. Use the volume buttons to set the desired volume level for this preset and then push “Select.”
5. Your preset is now setup.

Changing/Overwriting Existing Favorite

1. Select the “Favorites/Presets” menu item on the TX915.
2. Position the highlight bar on the favorite that you wish to change.
3. Push and hold the “Select” button for about 3-4 seconds. The remainder of the process is exactly the same as setting up a new favorite where you select the desired sound and volume level.

Using a Favorite

Make sure that both the HammerJack and TX915 transmitter are powered on, and push the corresponding preset button (P1 or P2) on the transmitter keypad. The HammerJack will then instantly switch to that sound and volume level. **To initiate playback of any other preset:** Select the “Favorites/Presets” menu on the main screen, browse through the available presets, and then use the “Select” button, just as if you were picking a sound for normal playback. The “User” button can be configured to initiate playback of presets 3, 4, and 5; see section 8-3 for more information about the “User” button.

3. About the HammerJack Speakers

The HammerJack incorporates two different types of loudspeakers. **The front speaker is a high efficiency horn with maximum sensitivity in the frequency range necessary to reproduce small animal distress sounds.** Distress sounds of rabbits, small rodents, birds, canines, and many others are best reproduced by using the front horn only with the rear cone speaker turned off. This will also ensure maximum battery life as playing both speakers requires almost twice as much battery power. **The rear cone speaker is best suited for sounds that have significantly lower frequency content.** These sounds would include bear growls, mountain lion roars, certain owl hoots, and some other large mammal sounds. The rear speaker, however, is not as efficient as the front horn. Because of this, it will not play as loud as the horn. Understand that not all calling sounds will benefit greatly from playing both speakers at once. If you elect to do this, remember that battery life will be reduced.

4. Using External Speakers

The HammerJack is equipped with two External Speaker Jacks which allows you to connect up to two additional speakers. The internal speakers perform admirably; however, you may encounter situations that require higher volume levels. By connecting a larger and more efficient external speaker(s) to the HammerJack, the volume level can be increased significantly.

Connecting an External Speaker

The external speaker jacks on your HammerJack accept standard 3.5mm plugs. When choosing an external speaker, it is recommended to use one with an impedance rating of 8-ohms. To connect an external speaker, plug the connector of the external speaker into one of the external speaker jacks. You will notice that each external speaker jack corresponds to one of the internal speakers. For example, the internal front speaker and front external speaker are linked together. If you wish to have ONLY the external speaker(s) produce sound, you must disable the internal speakers as the internal speakers are not disabled automatically.

Disabling/Enabling the Internal Speaker

Move the speaker slide switch to the “OFF” position for the desired speaker you wish to disable (front or back). To re-enable the speaker later, simply place the slide switch back to the “ON” position. By disabling the internal speaker(s) when using an external speaker(s), battery life will be extended longer than having all of the speakers operating at once.

5. Batteries and Charging

The HammerJack operates on 8 ‘AA’ batteries. For optimal performance and run times, we recommend using high capacity (2300 mAh or higher) NiMH (nickel metal hydride) rechargeable batteries rather than alkaline types. When you operate the HammerJack at extremely loud volume levels, the current demand on the batteries is much more than alkaline cells can deliver. Consequently, the run time of these batteries can be very short.

Battery run time is directly related to how loud you operate the HammerJack. Using both speakers at the same time, rather than only the most appropriate one, will have a negative impact on run time. With one speaker playing, expect 6 to 15 hours of run time, depending on the volume level. With both speakers playing, expect 3 to 10 hours. Remember that very loud volumes are rarely needed as animals hear much better than we do. All FOXPRO rechargeable battery kits are shipped with individual instruction sets that pertain to their unique operations.

Your FOXPRO unit incorporates circuitry to terminate the charge current if high battery temperatures are detected. Battery temperatures increase at the end of the charge cycle. If the temperature edges towards a dangerous level (50°C/122°F) while charging, the charge current will be interrupted. The charge will not resume until the battery temperature has gone down. Be aware that the HammerJack unit does not provide any visual feedback indicating the charge status. **You should not permit the charge to continue for more than 10 hours under any circumstances!** The batteries need to be recharged when the “Low Battery” LED is blinking. The following list of cautions and warnings should be observed with any rechargeable system you decide to use.

WARNING
• Do not mix battery types! For example: never use NiMH rechargeable batteries in conjunction with non-rechargeable alkaline batteries. • Never connect your HammerJack to an unregulated 12V system (i.e. automotive systems, high current power supplies, etc.) Serious damage will occur which is not covered by the warranty. The charge jack is intended only for FOXPRO® chargers. • Never attach an unapproved or a non-FOXPRO® charger to your HammerJack! Damages caused by plugging unapproved charging devices into your HammerJack will not be covered by the warranty.

GENERAL PRECAUTIONS FOR CHARGING
• Never attempt to charge batteries that are not intended to be recharged! This includes both Zinc Carbon and alkaline cells. The resulting damage can be serious and will not be covered by the warranty. For maximum charge efficiency, we recommend charging your HammerJack in temperatures ranging from 40°F to 85°F (5°C to 30°C). • Disconnect any/all accessory devices that may be attached to the HammerJack prior to charging. This includes external speakers, auxiliary devices, and USB cables. • Make sure that the power switch is in the “off” position while charging. • Make sure that the rechargeable battery pack is installed in the HammerJack properly. • Connect the approved FOXPRO charger to the charger jack on the HammerJack and attach the transformer to the appropriate outlet. • Remember that NiMH batteries self-discharge about 1% per day. • Do not leave charging batteries unattended. • Remove batteries from battery holder when caller will not be used for prolonged periods to help prevent deep discharge.

- Recharge your batteries periodically—even when not in use—to prevent deep discharge.

6. Using External Power Sources

The design of the HammerJack permits the use of certain external power sources, so long as some precautions are observed. The 8-cell internal battery pack will serve about 98 percent of the users about 98 percent of the time. This makes for a caller that is compact and lightweight, highly portable, and has very good battery life. However, we recognized that there may be times when extended run-times and additional volume are more important than lightweight and absolute portability. You can have the best of both worlds with the HammerJack!

By connecting a large external 12-volt battery to the external power adapter replacement door (sold separately at FOXPRO), you can operate the HammerJack and obtain run-times measured in days rather than hours. A NiMH battery pack supplies 9.6 volts to the power amplifier, while an external battery can supply up to 14 volts. This additional voltage will offer an increase in power output to the speakers, equating to additional volume. But there is a double-edged sword involved here. By giving the user the ability to get more power from the amplifier, there is also a much greater chance of causing damage to the built-in speakers. For this reason, we recommend using one of our large external speakers, such as the SP-60, if you really need to, say, call crows from the next county. Not only are these speakers more efficient, they will have no problem dealing with the extra power.

NOTE: If you must use extreme volume without the external speaker, use only the front horn. The rear cone speaker is somewhat more delicate than the front horn. Please be careful with the volume control, and remember these cautions when using an external battery:

- NEVER connect an external battery to the charge jack.
- NEVER connect a battery or power supply capable of delivering more than 15 volts to the charge jack.
- NEVER charge the external battery while it is connected to the HammerJack.
- ALWAYS use a 5 amp (max) fuse in the positive battery lead.
- ALWAYS act responsibly with the volume control to prevent speaker damage.
- For maximum possible volume, use one of our optional external speakers, such as the SP-60.

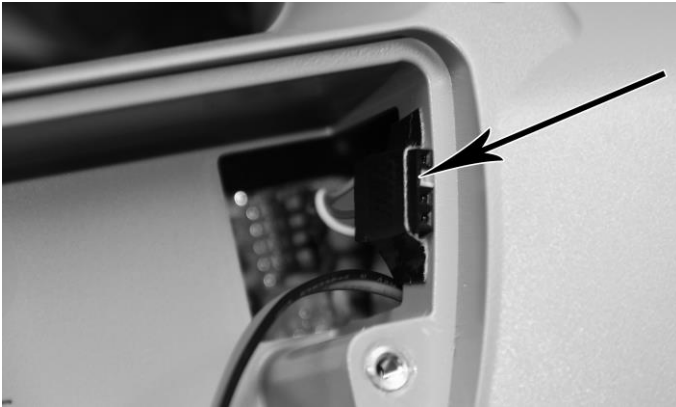
7. Auxiliary Devices

The AUX jack is provided primarily for the control of FOXPRO decoys, and may be suitable for controlling other similar devices. It is NOT intended for the direct control of motors, flashlights, or other devices requiring the internal AUX jack circuitry to switch more than 50 milliamps. The jack tip polarity is positive. Do not exceed 15 volts. You are urged to seek help from a knowledgeable professional before connecting any unapproved device to the jack. Keep in mind that any damage to the FOXPRO caller as a result of improper use of the AUX jack is not covered by the warranty, nor will FOXPRO be liable for damage to any connected devices.

7-1 Integrated Decoy Wiring Harness

The HammerJack features an integrated decoy wiring harness (see image below) for connecting the Fox Jack 4 decoy (included with the HammerJack). Unlike other decoys offered by FOXPRO that require their own power supply and wired connection to the AUX jack, the Fox Jack 4 Decoy mounts directly to the back of the HammerJack and interfaces to the wiring harness for power and triggering of the decoy motion. Please note that this wiring harness is designed to be used only with the Fox Jack 4 decoy! When you first remove the

battery compartment door from the HammerJack, you can find the wiring harness taped to the upper right side of the battery compartment.



7-2 Using the Fox Jack 4 Decoy

The included Fox Jack 4 decoy mounts directly to the back of the HammerJack game call. You can then control the action of the Fox Jack 4 with the TX915 remote control and through FOXCAST sequences. Combining the use of a decoy with the effective sounds on the HammerJack provides you with a well-rounded predator calling combination. After fooling their ears, the decoy will fool their eyes.

Connecting the Fox Jack 4 Decoy to the HammerJack

1. Connect the Fox Jack 4 to the back of the HammerJack by joining the 3-pin connector on the Fox Jack 4 to the decoy wiring harness.
2. Secure the Fox Jack 4 to the HammerJack housing by inserting the tabs into the slots and then tightening the knurled thumbscrew.

Turning on and Activating the Fox Jack 4 Decoy

1. Ensure the Fox Jack 4 is properly connected to the HammerJack.
2. Turn on the HammerJack game call and the TX915 remote control. Be aware that the HammerJack must be turned on in order to power the Fox Jack 4 decoy.
3. Locate the three-position slide switch on the side of the Fox Jack 4.
4. Move the switch from the off position to the first on position. The second on position turns on the integrated LED, which can be useful in nighttime operation to provide subtle illumination to the decoy.
5. Using the TX915, push the auxiliary button a single time. The Fox Jack 4 should begin moving. To stop the motion, push the auxiliary button again.

8. TX915 Detailed Overview

This section covers the TX915 in detail, including breakdowns and explanations of each menu item.

8-1 Primary Display Area

When the TX915 is powered on, it will briefly display a startup screen showing the firmware version information and then switch to the primary screen (shown to the right). The top line of the transmitter displays "Categories." The first line down displays "Favorites/Presets." "Favorites/Presets" provides a mechanism for both creating new presets as well as initiating playback of existing presets. The transmitter can handle up to 10 presets in total. Beneath "Favorites/Presets" is "Foxcast" (see section 9 of the manual for more information), beneath that is list of sound categories or "Sound List" depending upon the transmitter configuration. The bottom line of the transmitter display is a static status line displaying (in order): mute status, volume level, FOXBANG status, battery level, and elapsed timer. **To navigate through the primary display area and menu options**, use the "Scroll Up" or "Scroll Down" buttons. The resulting action of pushing the "Scroll Up" or "Scroll Down" button is the black highlight bar moving up or down, respectively. **To select a menu item**, push the Select button. **To move back through the menu, or exit a category or menu option**, use the "Back/Menu" button.



8-2 Main Menu

The main menu provides access to a variety of transmitter configurations. To access the main menu from the primary screen, push the "Back/Menu" button a single time. The following sections cover each of the menu options and their associated sub-menus.

8-3 FOXFEATURES: FOXBANG

When activated, FOXBANG reacts to the muzzle blast of a firearm by automatically switching to an assigned function. The available functions for FOXBANG activation include: mute (toggles mute on/off), auxiliary (toggles auxiliary device on/off), and presets 1-5. **To activate FOXBANG and assign a function**, highlight the "FOXBANG" menu item, push the "Select" button, and then use the "Sound Up" or "Sound Down" button to cycle through the available functions. When the desired function is selected, push "Select" to lock it in.

As the transmitter has an internal sensor that senses when your firearm has been discharged, it is important to make sure that you have the correct sensitivity level set for your particular firearm. There are three sensitivity levels that you can choose from: Low, Medium, and High. The lower sensitivity setting should be used with higher caliber firearms such as a .30 and higher. High sensitivity should be used for smaller calibers such as .17 to .22. Everything else should work fine with the medium setting. **To adjust the sensitivity**, select the "FOXBANG SENS" option, push the "Select" button, and then use the "Sound Up" or "Sound Down" button to cycle through the options. When the desired sensitivity level is set, push "Select" to lock it in.

TIP FROM FOXPRO The FOXBANG sensor is located inside of the TX915 transmitter. In order for it to detect the gunshot, the remote needs to be relatively close to the firearm (within 5 feet). It is assumed that most hunters will have the remote on a lanyard around their neck. If the remote is in a pocket or laying on the ground several feet away, it is likely that it will not react to the gunshot.

IMPORTANT NOTE An unintended and unavoidable consequence of adjusting the FOXBANG sensitivity to the highest level is that handling noises, such as the banging of the transmitter case on your firearm stock, may cause

unexpected activation of FOXBANG. For this reason, you should choose the lowest sensitivity that affords reliable activation from the muzzle blast. FOXBANG is intended to work when the transmitter is located within about 5 feet of the firearm muzzle.

8-3 FOXFEATURES: User Button

The User button is located on the transmitter keypad. This button can be assigned a function of your choice for quick one-button access. You can choose from: recall, timer reset, backlight, preset 3, preset 4, and preset 5. To set this, highlight the "USER" menu item, push the "Select" button, and then use the "Sound Up" or "Sound Down" scroll button to cycle through the options. When the desired option has been set, push "Select" a final time to lock it in.

8-4 Sound Settings: Volume Steps

The TX915 has a range of volumes from 0 – 20. Increasing the volume in the field by increments of 1 may be too slow for some, therefore, this stepping value is configurable. You can choose from 1, 2, and 3. To change the volume steps, highlight the "Volume Step" menu item, push the "Select" button, and then use the "Sound Up" or "Sound Down" scroll button to cycle through the options. When the desired option is set, push "Select" a final time to lock it in.

8-5 Sound Settings: Play Mode

This menu allows you to specify which mode of sound playback the HammerJack operates on. The available options are: repeat, single play, and jukebox. The default setting is **repeat**. In this play mode, the HammerJack will play the selected sound non-stop. In **single play mode** the sound will play a single time and then stop. In **jukebox mode** the sounds play a single time, incrementally. The Play Mode setting is not stored between power cycles. You will need to change this setting each time you power on the HammerJack remote.

8-6 Sound Settings: Preset Mute Override

During normal operation, if the HammerJack is muted and you play a preset, the preset is queued for playback, but it cannot be heard until the caller is un-muted. Preset mute override will take care of this and eliminate the need for un-muting the sound upon preset activation. It works by initially checking to see if mute is active and, if it is, it will un-mute the unit prior to initiating playback of the preset sound. This is especially useful for FOXBANG operation. Turning on preset mute override can be done by accessing the Sound Settings, highlight the "Preset Mt. O/R" menu item, push "Select", and then use the "Sound Up" or "Sound Down" to toggle between off and on. Push "Select" a final time to lock it in. This setting is remembered between power cycles.

8-7 Display/Power: Backlight

This item allows you to change the intensity of the backlight in a range from 10% - 100%. The lower the intensity, the better your battery life will be. To adjust this setting, highlight the Backlight menu option, push the "Select" button, and then use the "Sound Up" or "Sound Down" scroll buttons to cycle through the values. When you have selected the desired backlight intensity, push the "Select" button a final time to lock it in. This setting is remembered between power cycles.

8-8 Display/Power: Backlight T.O.

This item allows you to set the duration for the backlight timeout. The backlight illuminates per button press. If the backlight is illuminated and you do not push a button within the set period of time, the backlight will automatically shut off. Available values are 15 seconds, 30 seconds, and 1 minute. Keeping this at a lower value will help promote maximum battery life. To adjust this setting, highlight the Backlight

T.O. menu option, push the “Select” button, and then use the “Sound Up” or “Sound Down” scroll buttons to cycle through the values. When you have selected the desired backlight timeout period, push the “Select” button a final time to lock it in. This setting is remembered between power cycles.

8-9 Display/Power: Contrast

This item allows you to adjust the screen contrast. In ‘normal’ display mode, the higher the value, the darker the text will appear. In ‘inverse’ display mode, the higher the value, the darker the background will appear. To change this value, highlight the contrast menu item, push the “Select” button, and then use the “Sound Up” or “Sound Down” buttons to cycle through the values. When you have selected the desired contrast setting, push “Select” a final time to lock it in. This setting is remembered between power cycles.

8-10 Display/Power: Display Mode

This item allows you to set the desired display mode. Available options include normal and inverse. In normal mode, the text will appear as black and the background will be light. In inverse mode, the background will be black with light text. To change this value, highlight the display mode menu item, push the “Select” button, and then use the “Scroll Up” or “Sound Down” buttons to cycle through the available options. When you have selected the desired display mode, push the “Select” button a final time to lock it in. This setting is remembered between power cycles.

8-11 Display/Power: Auto Off

If you do not push a button on the remote for a set amount of time, the remote will automatically power down to conserve battery life. The available options for this setting include 30 minutes, 45 minutes, 1 hour, 2 hours, and 4 hours. To change this value, highlight the Auto Off menu item, push the “Select” button, and then use the “Scroll Up” or “Sound Down” buttons to cycle through the available options. When you have selected the desired auto off period, push the “Select” button a final time to lock it in. This setting is remembered between power cycles.

8-12 Timer: Stand Timer

The elapsed timer (located on the bottom right on the display) allows you to see how long you have been on a stand. The timer starts as soon as you turn on the HammerJack transmitter. You can reset the timer by accessing the main menu, selecting timer option, and then selecting the “Stand Timer Reset.” The timer will automatically reset to 00:00 if it is allowed to continue beyond 99:59.

8-13 Timer: Alarm

The HammerJack remote features a visual alarm that can be set to go off after a span of time. The available times are represented in minutes: 1 – 15 (individual steps) and 20-60 (steps of 5). When the alarm is set and the configured time span passes, the stand timer (or clock if set to display the clock) will display a confirmation message and the timer indicator will begin to flash. To set an alarm, select the “Alarm (minutes)” menu item, push the “Select” button, and then use the “Sound Up” or “Sound Down” buttons to find the desired time value. When the desired time value is selected, push the “Select” button to activate the alarm.

8-14 Transmitter Settings: Download List

Any time you reprogram the HammerJack to add new sounds or rearrange existing sounds, you must download a new copy of the play list and categories to the transmitter. This menu item will guide you through that process. In order to download the playlist, you will need a 3.5mm stereo male-to-male cable.

8-15 Transmitter Settings: AUX

The auxiliary jack operation specifications can be changed from either momentary or latched. All FOXPRO decoys require that the jack be setup for momentary. To configure the auxiliary jack setting, highlight the “Aux Control” menu item, push the “Select” button, and then use “Sound Up” or “Sound Down” to toggle the two options. When the appropriate setting is selected, push the “Select” button to lock it in.

IMPORTANT NOTE
Some third party decoys may require latched operation as opposed to momentary. A detailed list of other products and their specific requirements is not maintained by FOXPRO. You will need to check with the equipment manufacturer to determine if it is compatible and what the requirements are.

8-16 Transmitter Settings: View

The TX915 can display your sounds either by general listing or by category listing. Sound categories are the best route to go if you have a large number of sounds. The TX915 supports up to 25 unique categories. To configure the view setting, highlight the “View” menu item, push the “Select” button, and then use the “Sound Up” or “Sound Down” buttons to cycle through the options. When the appropriate setting is selected, push the “Select” button to lock it in. This setting is remembered between power cycles.

8-17 Transmitter Settings: About Info

The About Info screen displays a variety of information pertaining to version number, number of sounds loaded, number of categories loaded, the number of presets, and transmitter health.

8-18 Transmitter Settings: Cable Detect

If cable detect is turned on, the transmitter will automatically prompt you to perform the download list function when a 3.5mm stereo cable is connected to the sound upload jack. You can manually initiate the download list process, if you prefer, by disabling this feature. This setting is remembered between power cycles.

9. FOXCAST

This section provides you with detailed information on creating and installing FOXCAST sequence files in your HammerJack.

Creating FOXCAST Sequence Files Manually

This process requires some basic computer operations experience. If you are not very experienced with computers, it is recommended that you seek help prior to performing any of the following steps.

A FOXCAST sequence file is a simple text file that contains unique instructions to guide your HammerJack through a stand. These instructions include commands to change the sound, change the volume level, enter a passage of silence, and so forth. Here is a chart showing all of the available commands:

Instruction	Value	Description
S a [b]	a: 0 – 299 b: 1 - 100	Plays the sound (a) a total of (b) times.
V a	a: 0 – 20	Sets the desired volume level.
P a	a: 1 - 600	Denotes pause value in seconds (approx.)
M a	a: 1 – 1440	Denotes pause value in minutes.
W a [b]	a: 1 – 120 b: 2 - 120	Random pauses, in minutes, between values (a) and (b).

L a	a: 1 – 1440	Loop the following instructions (a) minutes until loop end parameter “E” is encountered.
E		Designates the end of an instructional loop.
A a	a: 0 – 1	Set the state of the auxiliary signal line. Can be used if the signal state needs to be held steady for control of the connected device. 0 = off 1 = on
D a	a: 0 – 1	Set connected decoy(s) on or off. 1 = activate decoy 0 = deactivate decoy
J	n/a	Denotes Jukebox Mode for this FOXCAST File
R	n/a	Denotes Repeat Mode for this FOXCAST File
Q	n/a	Denotes Single Play Mode for this FOXCAST File
;	Any	Represents a comment line.

A typical FOXCAST sequence file may look similar to the following example (note the included comments for additional clarification):

Example FOXCAST Sequence File Layout		
V 20		; Set Volume to 20
S 15 2		; Play sound 15, 2 times
P 90		; Pause for 90 seconds
L 10		; Start of 10 minute loop
V 30		; Set volume to 30
S 80 3		; Play Sound 80, 3 times
D 1		; Turn on decoy
V 25		; Set volume to 25
S 44 6		; Play sound 44 six times
D 0		; Turn off decoy
P 30		; Pause for 30 seconds
E		; End of loop
Q		; Quit the sequence

A FOXCAST sequence must always begin with a volume. Without defining a volume level, the caller will default to volume level 0. A FOXCAST sequence file must always end with a specific ending statement. “J” represents jukebox mode. When you end a sequence with “J”, once the sequence has played through a single time, it will automatically begin playing the next FOXAST sequence. “Q” represents quit. Once the sequence has played entirely, the HammerJack will go silent. “R” represents repeat. Once the sequence has played entirely, the HammerJack will play that sequence again until it is interrupted by the operator. The HammerJack can accept up to 10 FOXCAST sequence files. These files will need to be in a format similar to the following examples:

Example FOXCAST Sequence File Names
S00 My Coyote Sequence 1.seq
S01 My Bobcat Sequence.seq
S02 Mountain Lion Calls.seq

As you can see above, each file can be broken down into three parts. The first part is the identifier (prefix/index) for the particular sequence. For example, “S00” indicates that this is the FIRST sequence in the HammerJack. The second part of the name, “My Coyote Sequence”, describes the title of this sequence.

The third part, “.seq”, is the file extension that defines this file as a FOXCAST sequence file. Note that the .seq file extension is not native to any operating system. This is a unique file extension for FOXPRO game calls with FOXCAST. A FOXCAST sequence file may appear as an unknown file type and display on your computer with an “unknown” or “unassociated” icon.

When creating new sequence files, please check for existing sequence files already using the same identifier (prefix/index). For example, if “S00” is already used by an existing sequence file, then you must not use “S00” for the new file or the result will be a conflict. Valid identifiers span from S00 – S09 to correlate with all 10 possibilities. The FOXCAST sequence files are stored directly in the root directory of the HammerJack, alongside of the regular audio files. On a Windows based PC, using a piece of integrated software such as Notepad is all that you will need to successfully build a sequence file. Mac users would use something such as Textedit, which is a standard application.

Creating FOXCAST Sequence Files Online

A second, simpler option for creating sequences can be found on the FOXPRO website. The following address will direct you to the FOXPRO Online FOXCAST Sequence File Generator:
<http://www.gofoxpro.com/foxcast>

This easy to use site allows you to quickly assemble and download FOXCAST sequence files to your computer or directly to your FOXPRO game call. The site has plenty of instructions to help get you started.

Synchronizing the TX915 and HammerJack

Before you can access your FOXCAST sequence files on the TX915, you must download a new copy of the sound list. To perform this, please see chapter 10 in the section “Transferring a New Playlist to the TX915”.

10. Programming the HammerJack

The HammerJack can store up to 300 sounds in total. From the factory, it’s loaded with 100 premium sounds along with all current free sounds. **All free sounds are prefixed with “F_” for easy recognition.** The main difference between premium sounds and free sounds is the premium sounds are all live animal recordings whereas the free sounds are manmade. The HammerJack is capable of using FOXPRO’s proprietary audio file type (FXP), MP3, and uncompressed WAV files. Programming the HammerJack can be done with a PC or Mac computer, or by sending the HammerJack to the factory. In order to program the HammerJack from home, you will need a USB 2.0 A/B printer cable (not included with the HammerJack) and a computer running one of the following operating systems: Windows XP, Vista, 7, 8, 8.1, Windows 10, or Mac OS X 10.7.3 or newer.

Obtaining New FOXPRO Sounds

Access the FOXPRO website to purchase new sounds or download new free sounds. The website is located at: <http://www.gofoxpro.com>. From the main menu, access the “Sounds” menu and click on one of the sound pack options. You can purchase 1 sound of your choice, 4 sounds of your choice, 8 sounds of your choice, 16 sounds of your choice, or you can choose to download free sounds. To purchase and download new sounds, click on the desired sound pack choice and work through the ordering steps. At the end of the process, you will be able to save your sound pack to the computer. To download free sounds, please visit: <http://www.gofoxpro.com/free>.

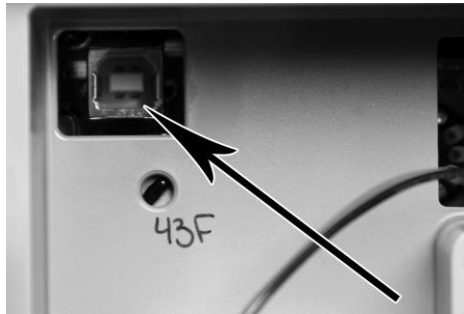
To download sounds that you have purchased, access the FOXPRO website and login to your store account. Click the “My Account” menu and click on “Sound Pack Download Manager.” Locate the sound pack you wish to download and click the “Download” button. Note that, you will be saving a compressed zip archive

file that bundles all of the sounds together (you can opt to download the sounds individually if you have a slow internet connection). The new sounds can then be programmed into the HammerJack by using the FOXPRO Sound Programming Utility, which is covered in the next section.

The first step is to download and install the FOXPRO Sound Programming Utility. The installer for the FOXPRO Sound Programming Utility for Windows can be downloaded directly from the FOXPRO website by visiting: <http://www.gofoxpro.com/programmer> Mac users please visit: <http://www.gofoxpro.com/mac> Follow the provided instructions on the installation page to install the software and become familiar with it. The FOXPRO Sound Programming Utility enables you to add new sounds, rearrange sounds, remove sounds, manage your categories, and backup the sounds from the HammerJack to your computer. Each of the links previously listed contain steps for installing and launching the programming software.

Connecting the HammerJack to your Computer

The USB port is located on the back wall inside of the battery compartment on the HammerJack. Connect your USB cable between the USB port in the HammerJack and a USB port on your computer. **Make sure the HammerJack is powered off while it is connected to your computer!** After connecting the HammerJack to your computer, launch the utility. The utility should recognize the device and display the sounds currently installed in the HammerJack in the “Caller Sound Files” column on the right. If this is your first time using the utility, the “Source Sound Files” column on the left will be empty.



File Locations & Sound Library

When you initially launch the Sound Programming Utility, it creates a folder called “FOXPRO” in your computer’s Documents folder (this applies to both Windows and Mac versions). New sounds, or sounds that you wish to install into the HammerJack, should be saved in the Documents -> FOXPRO -> Sounds folder for easy access—consider this folder the location of your sound library. You can save new sounds to an alternate location, if you wish, and use the “Browse Library” (Windows) or “Browse” (Mac) to navigate to that location.

Overview on Programming New Sounds:

1. Connect the HammerJack to your computer.
2. Launch the programming utility.
3. If you do not see your new sounds under the “Source Sound Files” column, use the “Browse Library” or “Browse” button to navigate to the correct location. When the appropriate files are found, double-click on any of the sounds to automatically load all files from that location into the “Source Sound Files” column.
4. Select one, multiple, or all sound files in the “Source Sound Files” column.
5. Click on the position you wish to load the sounds into on the “Caller Sound Files” column and click “Insert.” **We recommend adding all new sounds at the end of the existing list so that you can preserve the category assignments.** If you insert sounds elsewhere, be advised that you will need to closely examine your category assignments to make any needed corrections.
6. When complete, Windows users must click on the “Update Caller” button to save your changes. Mac users will not have an “Update Caller” button as the sounds are inserted in real time.
7. Next, click on the “Edit Categories” button to launch the category editor. The category editor features two columns. The column on the left features all sounds in your game call. The column

on the right shows all of the categories along with the sounds featured in each category. Locate the new sounds on the left column. Windows users must drag the new sounds (either one at a time or all at once) from the column on the left and drop them into the desired category on the right. Mac users will highlight one or all of the new sounds, click on the desired category, and then click "Insert Selected." After the categories have been setup, click "Save and Done" or "Save and Exit" to close the category editor.

8. Finally, exit the utility and update your transmitter playlist following the instructions found later in this section.

Additional Programming Notes/Tips

The key to understanding how sound programming works is by understanding how the sound files are stored inside of the HammerJack. The HammerJack features 2GB of internal memory that stores all of the sounds. By connecting the HammerJack to your computer and navigating to it, you will be able to see all of the individual sound files. Take particular note to how the files are arranged. You should see something similar to the following example:

```
000 Coyote Pup Distress 3.fxp
001 Coy Fem Sore Howls.fxp
002 Coy Fem Whimpers.fxp
```

Note that each sound file is prefixed with a three digit number. That three digit number defines the sound's position within the scope of your playlist. The HammerJack can store up to 300 sounds, which means that valid prefix values span from 000 – 299. The list of sounds must be contiguous (no skipped numbers). In addition, the list cannot contain any duplicated numbers. If discrepancies exist within the playlist, the TX915 playlist transfer will likely fail. When troubleshooting any failed TX915 playlist transfers, always double-check the sound programming for errors as this is the usual culprit.

Categories are established based upon the prefix value. This means that if you change sound "000 Coyote Pup Distress 3" to "000 Lightning Jack", the "Coyote Vocals" category still has reference to 000, which is now a rabbit sound. You will need to modify the categories to ensure they are set up properly.

Only install compatible file types. As mentioned previously, the HammerJack is capable of operating with FOXPRO's proprietary file type (FXP), MP3 files, and uncompressed WAV files. The HammerJack does not support MP4, WMA, or other file types. Incompatible files must be converted into a compatible file type in order to be used. There are numerous solutions that you can find online that can aid you in converting file types. In addition, be aware that FOXPRO's FXP files cannot be played back through your computer. They are proprietary files that can only be played through the FOXPRO game call. In addition, the HammerJack is not capable of playing FOXPRO's 24-bit audio files (.24b).

Mac users should be aware of hidden files that are generated when connecting a USB mass storage device to their computer. Because of this, we strongly recommend using the FOXPRO Programming Utility (Java Edition) to ensure that the hidden files are removed during the programming process. If these files are left behind, it can result in a corrupted playlist transfer to the TX915. The Java Edition of the Programming Utility contains a special cleaning function that will cleanly remove those extra hidden files. To access this version of the utility, please visit the following address: <http://www.gofoxpro.com/mac>

Transferring a New Playlist to the TX915

You will need a 3.5mm male-to-male stereo cable for this process (one is supplied with the HammerJack). Make sure that the cable detect setting (see section 8-18) is turned on to follow these steps.

1. Disconnect all accessories from the HammerJack and make sure that it is turned off.
2. Turn on the transmitter.
3. Connect the 3.5mm cable from the sound upload jack on the TX915 to the AUX jack on the

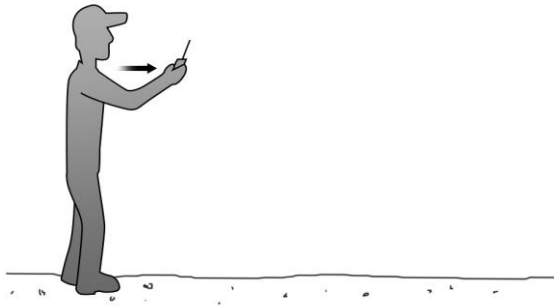
HammerJack.

4. Power on the TX915. You will see a message instructing you to make sure the HammerJack is powered off. Select the "OK" option on the screen.
5. You should now see an instruction on the TX915 to turn on the HammerJack. Power on the HammerJack to initiate the transfer process. The display on the remote updates as the transfer progresses. It displays the number of sounds and FOXCAST sequences are transferred and whether or not a valid category file has been found. When complete, the screen returns to the normal view.
6. Unplug the cable from the transmitter and HammerJack. Browse through the categories or sound list to view the changes.

11. Maximizing Remote Range

Remote range can be affected by many factors. Some of these factors can be controlled while others cannot. In order to achieve the best possible remote range with your HammerJack digital game call system, it is recommended that the following points be observed:

- Always use a high-quality alkaline or lithium battery in the remote.
- Always maintain clear line of sight between the remote control and the HammerJack. Any obstructions—no matter how significant or insignificant—can adversely affect the radio signal.
- Try to keep the remote control approximately six inches away from your body, gun barrel, and metal shooting sticks as these things can detune the remote control.
- Hold the remote control vertically with the antenna pointing skyward (see image below):



- Avoid using the device remotely when you are near power lines, cellular phone towers, and radar (such as near airports or military installations).
- Try to elevate the caller off of the ground by approximately three feet. This can greatly maximize your overall remote control range.
- Try to avoid situations where the HammerJack is placed at a lower elevation than the remote control—the caller should always be higher.

12. Product Care & Maintenance

In order to help get years of trouble free service with your FOXPRO game call, it is strongly recommended that you read and understand the following points. Many of these are considered proactive or preventative.

Avoid exposure to all precipitation and moisture! Whether you are storing your FOXPRO game call or decoy away for the summer or just having some down time from calling, it is highly recommended that you thoroughly inspect the unit for any signs of moisture. Moisture (perhaps from rain, snow, condensation, or other) can potentially enter the unit or the battery compartment and cause some serious problems. Proper

care should be taken to mitigate the introduction of (or potential for introduction of) moisture into the machine and make sure that no moisture is present during storage. Moisture can quickly lead to corrosion, electrical shorts, and even rust—all of which can possibly render the unit damaged and out of warranty. This type of damage is preventable. For example, if you are operating in rainy, wet conditions, it is recommended that you place the unit inside of a large plastic freezer storage bag or use a water/weatherproof deployment bag to keep water from getting to it. When storing the unit for prolonged periods, be sure that you keep it in a dry location not susceptible to drawing moisture.

Remove batteries prior to storage or extended periods of inactivity! All batteries, whether alkaline or rechargeable, should be removed from the game calls, decoys, and remote controls prior to storage or periods of inactivity. Batteries that are left inside of electronic devices can leak over time as the chemicals start to break down. Damages caused by this can be very severe and potentially destroy the electrical components. To prevent this from happening, simply remove all batteries from all devices before you put them away. Keep in mind: damage caused by battery leakage is not a warranty issue.

Periodically charge your rechargeable batteries when not in use! Rechargeable batteries will not last forever. To help maximize the overall life of your rechargeable batteries, we recommend that you periodically charge them up, perhaps once a month or once every other month, to keep them fresh. Batteries that are left uncharged can enter into a state of deep discharge. Batteries in this state can, at times, no longer accept a charge and result in unexpected operation or complete failure in the field. It is also recommended that you replace rechargeable batteries about once a year just to keep them fresh.

Keep it clean! Our products are designed to be used outdoors and, as a result, they can get dirty from time to time. While the dirt may add a bit of character and show that you use it frequently and hard, it is recommended that you spend a few moments after each hunt or at the end of the season prior to storage to clean it up a bit. Total disassembly won't be required, just remove any debris, sticks, leaves, dirt, or anything else that shouldn't be there. If dirt or foreign objects make their way into the machine, it can cause problems down the road.

Store in a dry location! If you are planning on storing the unit away for the summer, it is recommended to keep the unit in a dry location that is not prone to drawing moisture. It is also recommended to remove all batteries prior to removal.

Other storage recommendations include: Do not stack heavy objects on top of your carrying cases or other items that may be holding your caller and/or remote control. If too much pressure is applied to the remote's LCD screen, it can be punctured or damaged. Too much weight bearing down on the caller or remote could result in cracking or fracturing of the plastic housings.

Check it out before heading into the field! If you are getting your caller out for the first time this season, test and inspect it before you head out on a hunt. Check your remote range, fidelity, high volume, low volume, battery life, etc. Being prepared and ensuring proper functionality before heading out on a trip can help you decide if you need new batteries, if it needs service, or if everything is working well. This can help prevent cancellation of trips and potential disappointment.

13. Troubleshooting

This section covers the basic troubleshooting aspects for the HammerJack and TX915 remote control.

The most common problems are battery related. Before performing anything else, try installing fresh batteries. When your batteries get low, in either the HammerJack or the TX915 remote, unexpected

operation can occur. You can experience such things as loss of audio quality, loss of remote control range, and other abnormal results.

Problem	Solution
HammerJack will Not Turn On	Make sure that you have fresh batteries installed. If you are using rechargeable batteries, make sure they are fully charged. Inspect your battery tray and make sure the springs are not compressed or corroded, as this could lead to poor battery connectivity. If the unit has been stored or used in a hot environment, the internal temperature may have risen above the high-temperature cutoff threshold of 50°C/120°F or higher. Allow the unit to cool off and try operating it again.
HammerJack does not produce any sound	Check that the speakers are not turned off. Verify that you are using good batteries. Finally, connect the HammerJack to a computer and inspect the sound files for missing files or signs of corruption.
TX915 remote not controlling HammerJack	Ensure you have good batteries installed in the TX915 and HammerJack. See section 11 “Maximizing Remote Range.”
Cannot transfer sound list to TX915	This can stem from an error in the play list on the HammerJack. If you recently added new sounds, double-check the programming for errors such as duplicate or missing sound numbers. Try replacing the 3.5mm cable.
TX915 remote does not turn on	Install 3 fresh AA batteries.
Having trouble with programming new sounds	Check out FOXPRO’s website for detailed programming information for your HammerJack. Solutions for many common issues can be found there.
Poor battery life in extreme cold weather conditions	Cold weather operations can take a serious toll on alkaline batteries. It is strongly recommended that you use lithium or rechargeable NiMH batteries to get the best performance in cold weather.

14. FCC & IC Information

FCC Information

NOTE: 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 the 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 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 or circuit different that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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 of this device.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

RF Exposure Safety Notice

The TX-915 transmitter is not intended to be operated closer than 20cm (about 8 inches) to your body. The transmitter can produce a radiated RF field similar to that of a standard cell telephone, although the duty cycle of this RF field is much lower than that of a cell telephone. Using the transmitter closer than 8 inches to your body can increase your exposure to RF energy levels thought by some to be harmful. Additionally, operation in close proximity to your body can detune the antenna causing a decrease in operating performance.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

Note: Units exported beyond the boundaries of North America are not FCC certified. FOXPRO Inc. makes every attempt at complying with regional regulations governing radio spectrum. However, it is the user's responsibility to ensure compliance with local laws and ordinances that govern the use of radio controlled devices in the area of operation.

Industry Canada Notice

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesirable operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicable aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

15. Warranty Statement

Your FOXPRO® game call is warranted to be free from defects in materials and workmanship that diminish its usefulness for a period of three years from the date of purchase if the item was purchased from a FOXPRO Authorized Retailer. Return the unit prepaid and packaged securely along with proof of purchase to the address shown below. Include a note describing the defect or problem. This limited warranty is void if the unit is physically damaged, used in a manner contrary to intended use, or otherwise abused, either intentionally or unintentionally. Also specifically excluded are batteries and damage caused by attempts to charge batteries not intended to be recharged, and water damage.

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