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FX7TM

INSTRUCTION MANUAL

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1. Getting Started

Congratulations on your purchase of the FOXPRO FX7 digital game call! To avoid personal injury and product damage, be sure to read all operating instructions before using the FOXPRO FX7.

1-1 What is in the Box?

Included with the box you should find the following list of items: FX7 digital game call, FX7 remote control, Operators manual, Warranty registration card.

1-2 FX7: First Glance

The following graphics of the FX7 correspond to a list below. Certain aspects of the FX7 are marked with a number that corresponds to a numbered list defining that element.



Figure 1 Image of the FX7 Battery Side



Figure 2 Image of the FX7 Control Panel Side

1. The Carry Handle is located on the top of the FX7.
2. The rear cone speaker is located at the rear of the call.
3. The battery compartment door is located on the back side of the call.
4. The Power switch knob is located on front side of the call.
5. Internal speaker on/off switches are located on the bottom of the control panel.
6. The charge jack port is located below the control panel on the far-left side. Please note the connector is protected by a rubber cover.
7. The rear external speaker jack is located to the right of the charge port. Please note the connector is protected by a rubber cover.
8. The Aux port is located to the right of the rear external speaker port. Please note the connector is protected by a rubber cover.
9. The front external speaker jack is located to the right of the Aux port. Please note the connector is protected by a rubber cover

10. The low power indicator is to the right of the external front speaker jack.
11. The front Horn speaker is located at the front of the call.

1-3 FX7: Power Requirements

The FX7 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 FX7



Figure 3 Image of the FX7 Battery Compartment

1. Access the battery compartment by removing the battery door from the back of the FX7. The battery door is secured with a knurled thumbscrew. After the battery door 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 place the battery tray back inside of the FX7.
4. Secure the battery door onto the FX7.

1-4 TX915 Transmitter: First Glance



Figure 4 Image of the FX7 Remote

- 1. The Power on/off button is the upper most left switch
- 2. The Select button is the second switch down in the middle column.

3. The Volume up/down buttons are located left and right of the Select button. Volume up is to the right and Volume down is to the left.
4. The Mute button is directly below the Volume Down button.
5. Preset 1 and 2 buttons are located on the bottom row they are the outside buttons. Preset 1 to the left and preset 2 to right
6. Lanyard loop
7. Auxiliary button is located between the Preset buttons on the bottom row.
8. User button is located directly above the Preset 2 button
9. Sound up/down buttons are above and below the Select button. Sound Up is above the Select button and Sound Down is below the Select button.
10. Back/Menu is the button on the upper right of the keypad
11. The Timer indicator is located on the bottom right of the LCD display.
12. The Battery indicator is to the left of the Timer.
13. Sound list upload jack
14. Mute status indicator is located at the bottom left of the LCD display
15. Volume level indicator is located to the right of the Mute indicator
16. FOXBANG indicator is located to the right of the Volume indicator.

1-5 TX915 Transmitter: Power Requirements

The FX7 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 FX7 Remote

1. Access the battery compartment by removing the door from the back of the remote. The door slides down and off 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 FX7 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 the features and get the most out of your new product.

2-1 Playing Sounds

The primary function of your FX7 game call is to produce sounds to attract wildlife. This section explains how to turn on the FX7 and the TX915, and how to start playing sounds. Be aware that the FX7 can only play sounds by being commanded by the TX915 transmitter.

1. Turn on the FX7 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 the sounds in that 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 will not hear anything at first as the volume level has not 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 FX7 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 FX7. If you are finished calling, use the “Mute” button to silence the FX7 prior to turning off the TX915.
11. **To turn off the FX7:** Rotate the power switch to the off position (counter-clockwise).

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.

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

The TX915 transmitter can store 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/Preset

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 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 FX7 and TX915 transmitter are powered on, and push the corresponding preset button (P1 or P2) on the transmitter keypad. The FX7 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.

3. About the FX7 Speakers

The FX7 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 require 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 FX7 is equipped with two External Speaker Jacks which allows you to connect 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 FX7, the volume level can be increased significantly.

Connecting an External Speaker

The external speaker jacks on your FX7 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 the speakers operating at once.

5. Batteries and Charging

The FX7 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 FX7 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 FX7. 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 FX7 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 FX7 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 FX7! Damages caused by plugging unapproved charging devices into your FX7 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 FX7 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 FX7 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 FX7 properly.
- Connect the approved FOXPRO charger to the charger jack on the FX7 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 FX7 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 FX7!

By connecting a large external 12-volt battery to the external power adapter replacement door (sold separately at FOXPRO), you can operate the FX7 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 FX7.
- 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.

1-6 7-1 Integrated Decoy Wiring Harness

The FX7 features an integrated decoy wiring harness for connecting a FOXPRO decoy called the Fox Jack 4. 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 FX7 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 FX7, you can find the wiring harness taped to the upper right side of the battery compartment.

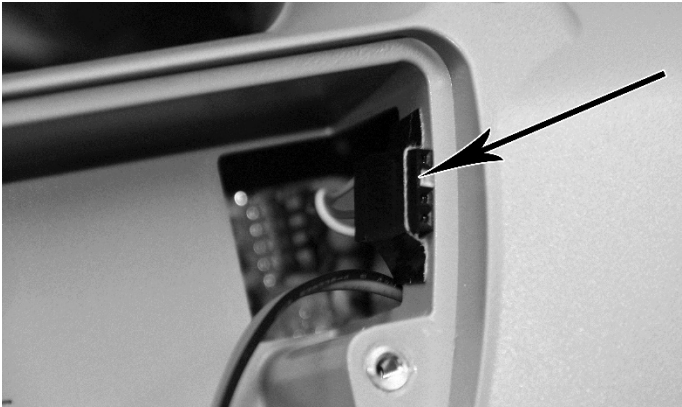


Figure 5 Image of the integrated decoy wiring harness

8. TX915 Detailed Overview

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

8-1 Primary Display Area

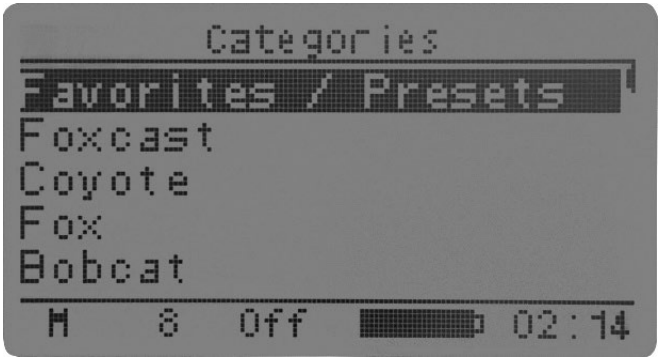


Figure 6 Image of the FX7 remote LCD

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. 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 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. 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.

8-4 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.

8-5 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.

8-6 Sound Settings: Play Mode

This menu allows you to specify which mode of sound playback the FX7 operates on. The available options are: repeat, single play, and jukebox. The default setting is **repeat**. In this play mode, the FX7 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 FX7 remote.

8-7 Sound Settings: Preset Mute Override

During normal operation, if the FX7 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.

8-8 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.

8-9 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, 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.

8-10 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.

8-11 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.

8-12 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.

8-13 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 FX7 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.

8-14 Timer: Alarm

The FX7 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.

8-15 Transmitter Settings: Download List

Any time you reprogram the FX7 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.

8-16 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.

8-17 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 many 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.

8-18 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.

8-19 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

The FX7 can operate from a special sequence file that provides the unit with instructions on how to operate for the duration of the hunt. Sound sequences can provide you with a completely hands-free experience in the field. You can have up to ten unique sequences in your FX7. The FX7 is loaded with 5 sequences created by FOXPRO Pro Staff members. To view the sequences, select the “Foxcast” menu item from the main

menu on the TX915. Scroll through the available FOXCAST sequence files using the sound up or down buttons. When you find a sequence, you wish to play, push the “Select” button a single time, just like selecting a sound. When the FX7 begins operating from a sequence file, it does not require any further interaction from the remote control. You can adjust the volume as the sequence plays, but keep in mind that any subsequent volume instructions in the sequence file will eventually override your manual adjustments. You can break out of a sequence by either selecting a different sequence or selecting a sound for playback. A FOXCAST sequence file is a simple text file that contains unique instructions to guide your FX7 through a stand. These instructions include commands to change the sound, change the volume level, enter a passage of silence, and so forth. Below is a list of the available FOXCAST commands:

Instruction: S a [b] **Parameters:** a (0 – 999) b (0 - 100) **Description:** Plays the referenced sound number (a). The desired number of times (b). By not specifying how many times to play the sound, it plays a single time.

Instruction: V a **Parameters:** a (0 – 40) **Description:** Sets the volume level. The volume level remains active until the next volume instruction is encountered.

Instruction: P a **Parameters:** a (1 - 600) **Description:** Pauses unit operation for a desired number of seconds.

Instruction: W a [b] **Parameters:** a (1 – 120) b (2 - 120) **Description:** Random pauses, in minutes, between values (a) and (b).

Instruction: L a **Parameters:** a (1 – 1440) **Description:** Loop the proceeding instructions for (a) minutes until the end of loop (E) is encountered.

Instruction: E **Parameters:** n/a **Description:** End of loop. Must appear at the end of an instructional loop.

Instruction: A a **Parameters:** a (0 – 1) **Description:** 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

Instruction: D a **Parameters:** a (0 - 1) **Description:** Set connected decoy to on or off. 1=activate decoy 0=deactivate decoy

Instruction: J **Parameters:** n/a **Description:** Denotes Jukebox Mode for this FOXCAST File

Instruction: R **Parameters:** n/a **Description:** Denotes Repeat Mode for this FOXCAST File

Instruction: Q **Parameters:** n/a **Description:** Denotes Single Play Mode for this FOXCAST File

Instruction: ; **Parameters:** Any **Description:** Represents the start of a comment line.

A typical FOXCAST sequence file may look like 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 ; Play sound 44 one time
D 0 ; Turn off decoy
V 20 ; Set volume to 20
```

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 FX7 will go silent. “R” represents repeat. Once the sequence has played entirely, the FX7 will play that sequence again until it is interrupted by the operator. The FX7 can accept up to 10 FOXCAST sequence files. These files will need to be in a format like 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 sequence. For example, “S00” indicates that this is the FIRST sequence in the FX7. 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 FX7, 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 FX7

Before you can access your FOXCAST sequence files on the TX915, you must download a new copy of the sound list.

10. Programming the FX7

The FX7 can store up to 300 sounds in total. From the factory, it is loaded with 100 premium sounds along with all current free sounds. **All free sounds are prefixed with “F_” for easy recognition.** FOXPRO offers free software for both PC and Mac that assists you in this process. The FOXPRO website contains an extensive library of free sounds and sounds that can be purchased and installed in the Inferno. The website also contains extensive information on how to use the programming

software. We strongly recommend that you view the online resources to become familiar with the programming process including watching the walkthrough video.

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 FX7 digital game call system, it is recommended that the following points be observed:

- Always use a high-quality alkaline or lithium batteries in the remote.
- Always maintain clear line of sight between the remote control and the FX7. 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.
- 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 the ground by approximately three feet. This can greatly maximize your overall remote-control range.

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 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

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

The most common problems are battery related. Before performing anything else, try installing fresh batteries. When your batteries get low, in either the FX7 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: FX7 will not turn on **Solution:** 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.

Problem: FX7 does not produce any sound **Solution:** Check that the speakers are not turned off. Verify that you are using good batteries. Finally, connect the FX7 to a computer and inspect the sound files for missing files or signs of corruption.

Problem: TX915 remote not controlling FX7 **Solution:** Ensure you have good batteries installed in the TX915 and FX7. See section 11 “Maximizing Remote Range.”

Problem: Cannot transfer sound list to TX915 **Solution:** This can stem from an error in the play list on the FX7. 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.

Problem: TX915 remote does not turn on **Solution:** Install 3 fresh AA batteries.

Problem: Having trouble with programming new sounds **Solution:** Check out FOXPRO's website for detailed programming information for your FX7. Solutions for many common issues can be found there.

Problem: Poor battery life in extreme cold weather conditions **Solution:** 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 like 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 near 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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