FOXPRO®

High Performance Game Calls

CS-24C

Instruction Manual

FOXPRO Inc. • 14 Fox Hollow Drive • Lewistown, PA 17044 • (717)-248-2507

www.gofoxpro.com

Important Information

FOXPRO®'s goal is to provide our customers with the highest quality products in the industry. We take great pride in manufacturing our products in the USA. Please do not hesitate to contact us for assistance, comments, or questions.

FOXPRO® Inc.

14 Fox Hollow Drive
Lewistown, PA 17044
(717) 248-2507
Fax: (717) 247-3594

Hours of Operation

Monday – Friday
8AM – 5PM EST

Contact Us

Customer Service: (717) 248-2507
Toll Free Orders Only: 866-463-6977
General Inquiry E-mail: sales@gofoxpro.com

Stay up to date with the latest sounds by visiting our online sound library. Watch for new products and upgrades from FOXPRO®. Visit us online:

www.gofoxpro.com

Table of Contents

1. Getting Started

Congratulations on your purchase of the FOXPRO CS-24C digital game call! To get the full advantage of the CS-24C and its features, please read and understand the operating instructions in full.

1-1 What's in the Box?

Included in the box you should find the following items: CS-24C digital game call, CS-24C remote control, Operators manual, Warranty registration card, and USB cord.

1-2 CS-24C: First Glance

The following image shows the CS-24C. There are numbered lines pointing to various elements. Below the image is a numbered list corresponding to each numbered line.
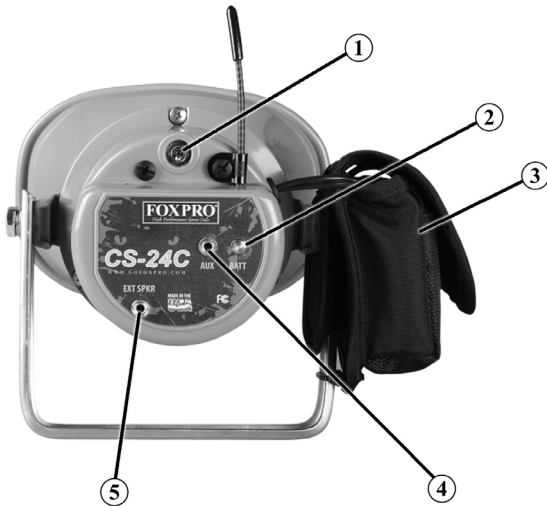
1. Power on/off switch.
2. Pilot lamp / low battery indicator
3. Battery pouch
4. Auxiliary device jack
5. External speaker jack

1-3 CS-24C: Requirements

The CS-24C is shipped from the factory without batteries. The CS-24C digital game call requires 10 'AA' batteries. You may use alkaline batteries to get started, but it is recommended that you use high-capacity rechargeable NiMH batteries or one of FOXPRO's optional rechargeable battery packs. Visit the FOXPRO website to view the entire line of recharging options.

Installing Batteries in the CS-24C

1. Open the cover to the battery pouch.
2. Locate the plastic battery tray.
3. Remove the tray from the pouch. Note that the tray is connected to the CS-24C by a power cable with a white connector. You are welcome to unplug this cable while installing batteries.
4. Place the batteries into each battery cavity while observing polarity as indicated.
5. Reconnect the power cable from the CS-24C to the battery tray and then slide it back into the pouch.
6. Seal the pouch.

1-4 CS-24C Remote: First Glance

The following image shows the CS-24C remote control. The image contains 28 numbered lines pointing out different features. Following the image is a numbered list that corresponds with the numbered lines.
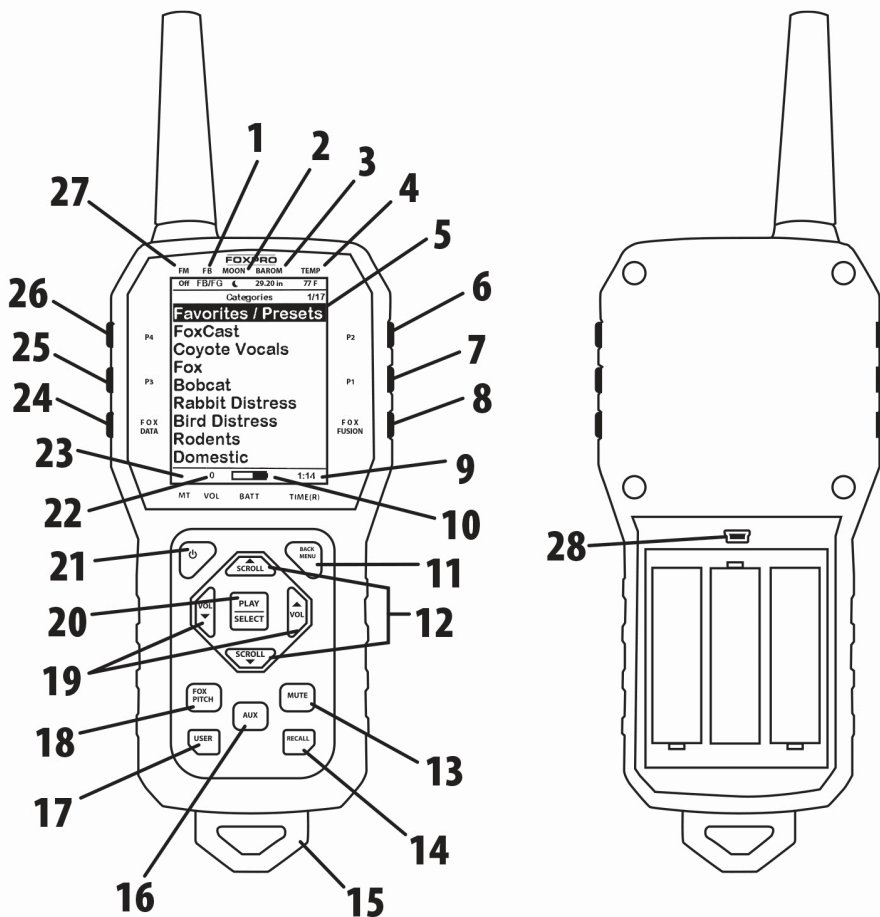
1. The second item from the left on the top status line is the FOXBANG/FOXGRIP status indicator.
2. Next item to the right is the moon phase indicator.
3. The next item to the right is the barometric pressure indicator.
4. The last item to the right is the temperature indicator.
5. The largest part of the screen is the primary display area.
6. The first button on the top right side of the remote is P2.
7. The P1 button is located under P2.

8. The FOXFUSION button is the last button on the right, just under the P1 button.
9. On the bottom of the remote display is the bottom status line and to the far right is the clock/elapsed stand timer.
10. To the left of the clock is the battery level indicator.
11. On the lower portion of the remote is the handle/buttons portion. The first button to the upper right is the Back/Menu button.
12. In the middle of the handle is a large square shaped button. Directly above and below this button are the scroll up and down buttons.
13. On the lower right side of the remote there are two buttons. The topmost button is the Mute button.
14. Under the mute button is the Recall button.
15. On the very bottom of the remote is the lanyard loop.
16. To the left of the Mute and Recall buttons is the auxiliary button.
17. Directly opposite the Recall button is the User button.
18. Above the user button is the FOXPITCH button.
19. To the left and right of the large square button in the middle are the Volume Up (left) and Volume Down (right) buttons.
20. The large square button in the middle is the Play/Select button.
21. On the upper left area of the handle portion is the Power button.
22. To the left of the battery level indicator is the volume level indicator.
23. To the left of the volume level indicator is the Mute status indicator.
24. Along the upper left side of the remote are three buttons. The lowest button on the left is the FOXDATA button.
25. Above the FOXDATA button is the P3 button.
26. Above the P3 button is the P4 button.

27. In the top left corner of the top status line is the FOXMATION status indicator.
28. In the back of the transmitter, above the battery tray is the USB port.

1-5 CS-24C Remote: Requirements

The CS-24C remote control operates on 3 'AA' batteries. It is recommended that you use high quality lithium or alkaline batteries for the best performance.

2. Quick Start Guide

The following Quick Start Guide provides a very brief overview of basic operations such as playing sounds, adjusting volume, and using presets. While this may be enough to get you started, it is strongly recommended that you read the manual in its entirety to fully understand all the capabilities and get the most out of the product.

2-1 Powering On the CS-24C

The CS-24C is powered-on by moving the power switch to the on position. When powered-on, the orange LED pilot lamp blinks rapidly several times and then illuminates solidly, signaling that it is ready to be operated from the remote control.

2-2 CS-24C Remote Setup

After installing batteries or changing batteries in the CS-24C remote, it is recommended that you make it a routine to take a moment to set up the date and time settings. This section will explain these setup configurations.

Setting the Clock:
1. Access the Date/Time(r) menu and select "Time."
2. Use the scroll buttons to set the current time.
3. Push "Play/Select" to lock it in.

The clock can be displayed in either the standard 12-hour format or 24-hour format (military time).

Configuring Time Format:
1. Access the Date/Time(r) menu and select "Time Format."
2. Use the scroll buttons to select either 12- or 24-hour time format.
3. Push "Play/Select" to lock in the setting.

The bottom status line of the CS-24C display can show either the current time or the stand timer. The stand timer will only be displayed if it is turned on—otherwise, the clock will show the current time.

Setting the Date:
1. Access the Date/Time(r) menu and select "Date".
2. By default, the first option is the month. Use the scroll buttons to select the current month and then push the "Play/Select" button.
3. Next you set the day using the same method described above, and then push "Play/Select".
4. Finally, set the year and push "Play/Select" to lock it in.

There are three different date formats that you can choose from depending upon your personal preference. They are month/day/year, year-month-day, and day.month.year.

Configuring Date Format:
1. Access the Date/Time(r) menu and select "Date Format."
2. Use the scroll buttons to cycle through the options.
3. When your desired date format is shown, push "Play/Select" to lock it in.

2-3 Playing Sounds

The CS24C remote control is not intended to operate the caller at distances shorter than 1 meter (3 feet). If the remote is located too close to the caller, proper operation cannot be ensured.

1. Turn on the CS-24C by placing the power switch in the "on" position.
2. Turn on the CS-24C Remote by pushing and holding down the power button for approximately 2-3 seconds. The remote will default to Category View Mode, meaning that the sounds are listed and grouped in categories. If no categories are defined, you will see 'Sound List' instead.
3. Use the scroll buttons on the remote to highlight the category you wish to pick a sound from and then push the "Play/Select" button. The sounds assigned to that category will be displayed.
4. Use the scroll buttons on the remote to highlight the individual sound from that category that you wish to play, and then push the "Play/Select" button to start playback.
5. Use the volume up button to raise the volume level to a point where you can hear it.
6. To mute (or pause) the sound, simply push the mute button. To resume playback, push the mute button again.
7. To switch sounds, simply go through the sound list or switch categories to find a different sound and then just push the "Play/Select" button. To go back to the previous sound, push the "Recall" button.

2-4 Using Presets/Favorites

The CS-24C remote can store up to 50 unique presets or favorites. A preset is a shortcut to a particular sound which has a defined volume level. The CS-24C remote has 4 quick access preset buttons located on the top left and right (see image on page 8). By default, your CS-24C

remote will have no presets established. The following instructions will describe how to setup a preset:

To Create a Preset/Favorite:
1. From the main screen, select the "Favorites/Presets" menu item.
2. Select one of the 50 preset slots. Notice that the screen will indicate "Preset Recording". The first step is to select the sound.
3. Use the scroll buttons to highlight the sound you want to establish for this preset and then push the "Play/Select" button.
4. The last step is setting the volume level. Use the volume buttons to dial-in the desired volume level you wish to assign to this preset and then push "Play/Select" to lock it in.
5. Your preset is now setup.

You can assign the P1, P2, P3, and P4 buttons in the following manner:
1. Highlight the sound that you wish to have established in one of the four positions.
2. From the main sounds or category screen, press and hold the P1, P2, P3, or P4 button for approximately 3-4 seconds.
3. Set the volume level and then push the "Play/Select" button to lock in that preset.

To initiate playback of presets 1-4, make sure that both the CS-24C and CS-24C remote are turned on, and then push the corresponding preset button (P1 – P4) on the top sides of the remote. The CS-24C will then instantly switch to that sound and volume level. To initiate playback of any preset, simply select the "Favorites/Presets" menu on the main screen, browse through the available presets, and then use the "Play/Select" button, just as if you were picking a sound for normal playback. Presets can also be managed by editing a specific file located within the CS-24C remote.

3. CS-24C Detailed Overview

This chapter provides a more detailed oriented overview of the CS-24C.

3-1 External Speaker Jack Information

The CS-24C features an external speaker jack. This jack is a standard 3.5mm female jack that can accept a 3.5mm male plug. When selecting an external speaker to use with the CS-24C, note that FOXPRO recommends the use of a 25W speaker with 8Ω Impedance. FOXPRO carries a variety of external speakers for purchase that can be used with the CS-24C. You can view the line of speakers online by visiting www.gofoxpro.com

Connect an external speaker to Your CS-24C:
1. Make sure that the CS-24C is powered-off before connecting an external speaker.
2. Connect the plug from the external speaker to the external speaker jack.
3. Turn on the CS-24C and begin playing a sound to hear the external speaker in action.

3-2 Auxiliary Device Jack

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 because of improper use of the AUX jack is not covered by the warranty, nor will FOXPRO be liable for damage to any connected devices.

3-3 USB Port

The CS-24C is equipped with a mini-USB 2.0 port which is located inside of the speaker cap. To gain access to the USB port, you must remove the three screws that secure the cap to the back of the speaker.

To Connect the CS-24C to a computer
1. Make sure that the CS-24C is turned off.
2. Connect one end of the USB cable to the USB port in the CS-24C.
3. Connect the other end of the USB cable to a USB port on your computer.
4. On most major operating systems, you will hear an alert as well as see visual notification on the screen that a new device has been attached.

3-4 Setting the Channel of Operation

Changing the channel of operation requires that you remove the speaker cap from the back of the CS24C and modify the values of a DIP switch located inside. There are 8 channels of operation available (0 – 7). The default channel of operation set at the factory is 6.

Changing the Channel of Operation
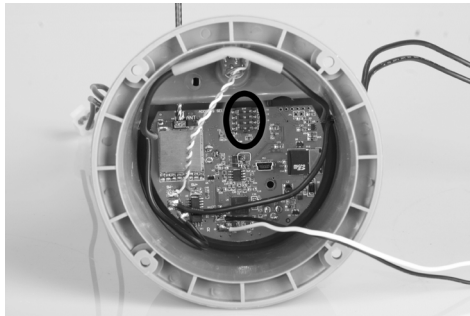
1. Locate and remove the 3 screws that connect the speaker cap to the main speaker bell of the caller.
2. Turn the speaker cap around and look inside. Locate the DIP switch (see image to the right).

3. The DIP switch has 4 individual slide switches. Each switch has two positions. To change the channel, however, you will only modify switches 1 – 3. The two positions are referred to as "on" and "off". The "on" position is selected by moving the switch to the left. The "off" position is selected by moving the switch to the right. Use the tip of a pen or pencil to change the position of the switches. The following chart shows the possible switch positions for the various channels.

CHANNEL	1	2	3
0	OFF	OFF	OFF
1	ON	OFF	OFF
2	OFF	ON	OFF
3	ON	ON	OFF
4	OFF	OFF	ON
5	ON	OFF	ON
6	OFF	ON	ON
7	ON	ON	ON

4. Remember, if you change the channel of operation of the CS-24C, you must also change the channel of operation for the TX1000. See chapter 9, section 1 for more information.

3-5 Setting the Battery Chemistry

For the best results, you must select the appropriate battery chemistry for the types of batteries you are using in the device. To select the battery chemistry type, you must remove the speaker cap from the back of the CS-24C and modify the values of a DIP switch located inside.

Changing Battery Chemistry
1. Locate and remove the 3 screws that connect the speaker cap to the main speaker bell of the caller.

2. Turn the speaker cap around and look inside. Locate the DIP switch (see image in section 3-4.
3. The last switch on the right acts to define what type of battery is being used. To select NiMH or alkaline batteries, place the switch in the "off" position. To select LiON batteries, place the switch in the "on" position.
4. Reattach the cap to the speaker and secure it with the screws after selecting the appropriate battery type.

4. CS-24C Remote Control Detailed Overview

This chapter provides a more detailed oriented overview of the CS-24C remote. The model number for the CS-24C Remote is "TX1000". In this manual, we tend to refer to the remote as "CS-24C Remote", but you will encounter "TX1000" later as it referenced in specific menu options.

4-1 What are FOX FEATURES?

Throughout this section, you will encounter various features referred to as "Fox Features". This group of features includes: FOXBANG, FOXCAST, FOXMOTION, FOXGRIP, and FOXDATA. These features are explained thoroughly in this section.

4-2 Turning on the CS-24C Remote

After installing batteries as indicated in Chapter 1, you can turn on the CS-24C remote by pushing and holding the power button for approximately 1-2 seconds. An initial startup screen will appear displaying the FOXPRO logo and remote version information. After the initial startup sequence is complete, the main sound selections screen will appear.

4-3 Navigating the CS-24C Remote

The CS-24C Remote has a scroll up and scroll down button for cycling through the on-screen display. A selected menu item is highlighted by a horizontal bar, and by pressing the scroll up or down arrow button, the

horizontal bar will move up or down through the menu list. To select a menu item, push the "Play/Select" button. The "Back/Menu" button allows you to access the CS-24C Remote configuration options as well as navigate back one level in the menu system.

4-4 Understanding the CS-24C Remote Display

The CS-24C remote control screen can be viewed in three main segments: top status line, primary display area, and bottom status line. The top and bottom status lines are static. The primary display area is dynamic and will change depending upon the operation that you are performing. The following image shows the top status line of the CS-24C remote. A description of each element follows the image:

FM	FB	MOON	BAROM	TEMP
Off	FB/FG	☾	29.20 in	77 F

- **FM**: FOXMOTION status indicator. Displays either On or Off.
- **FB:** FOXBANG status indicator / FOXGRIP status indicator. Displays "FB" if FOXBANG is activated. Displays "FG" if FOXGRIP is activated. Displays "FB/FG" if both FOXBANG and FOXGRIP are activated.
- **MOON:** Moon phase indicator. Displays an icon depicting the current moon phase. Correct moon phase display requires proper date and time configuration.
- **BAROM:** Barometer. Displays the barometric pressure in either inches or millimeters depending upon configuration. When enough measurements have been taken, an arrow showing trend (up/down) will appear. When elevation is set correctly, this value is automatically adjusted.
- **TEMP:** Thermometer. Displays the current temperature in either C or F depending upon configuration.
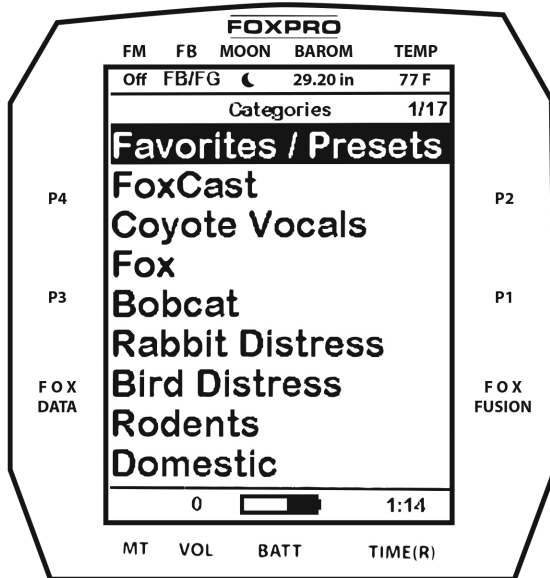
The image above shows the primary display area for the CS-24C remote. Above the menu items you will see "Categories" which is the title of this screen. When you enter other menu sections, the title will change accordingly. The two main items on the screen "Favorites/Presets" and "FoxCast" options are always available on this screen (in both Category and Sound List mode). Directly beneath "FoxCast" begins the category listings. If using sound list mode, you will then see "Sound List" as the third option. The image below shows the bottom status line. Following the image is a description of each element.
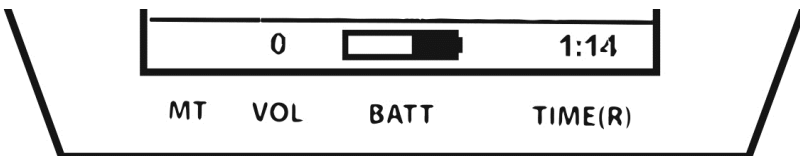
- **MT:** Mute status indicator. When the sound is muted, a letter M will appear. When a FOXFUSION sound is active, the M/M display may appear according to how the MUTE / Pause control

has been applied. See the FOXFUSION section for more information.

- **VOL:** Volume level indicator. Ranges 0 – 40.
- **BATT:** Battery level indicator.
- **TIME(R):** Displays either stand timer or real-time clock. When an alarm is indicated, the background will blink red.

4-5 Access the CS-24C Remote Configuration Menu

From the main sounds screen, push the "Back/Menu" button a single time. This will allow you to access the configurations screen. There are a total of five elements that appear on this menu: FOX FEATURES, Sound Settings, Display/Power, Date/Time(r), and TX1000 settings. Each of these items and all possible values are displayed below.

4-6 Playing Sounds with the CS-24C Remote

The first operation that most users want to perform is playing sounds. There are multiple methods in which you can initiate sound playback. Before attempting to play sounds, be sure that the CS-24C and CS-24C remote both have fresh batteries installed and that both devices are powered-on.

There are two sound view mode options within the CS-24C remote: Sound List and Categories. This is configured through the TX1000 Settings item in the main menu. The method of playing a sound is identical for both modes; the way the sounds are displayed on the screen is the only difference. By default, the CS-24C remote is setup to display the sounds by categories.

To change how the sounds are displayed, access the TX1000 Settings menu and locate the menu item titled "View". Highlight "View" and then push the "Play/Select" button a single time. Use the scroll buttons to cycle through either "Sound List" or "Categories". When you decide

which option you would prefer to use, push the "Play/Select" button to lock it in.

Default: Categories View

When the CS-24C remote is turned on, the main screen will be displayed. The first item is "Favorites/Presets" followed by "FOXCAST". The next menu item marks the beginning of the category listings. In category list mode, your sounds will not be displayed as one long list, but rather as elements of defined categories. You can have up to 50 unique categories. Use the Scroll Buttons to browse through the available categories. Highlight the category you wish to browse and push the "Play/Select" button to enter the category. All sounds associated with that category will be displayed. Find the sound you wish to play, and then push the "Play/Select" button to begin playback of the sound. Unless you change the volume prior to pushing "Play/Select", the volume will start off at level 0, so you will need to increase the volume using the volume up button to hear it play.

Optional: Sound List Mode

When selected, this option allows you to scroll through all available sounds in a single list. The main screen will display "Favorites/Presets" and "FoxCast", like normal, but a third option titled "Sound List" will be present. To browse the sound list, select "Sound List" from the main screen. You will then see a page that displays the first 9 sounds (000 – 008) loaded in the list. You can use the Scroll Buttons to cycle through the sounds. Once you get to the end of the current page, the proceeding lines will advance one-by-one. After highlighting the name of the sound, you wish to play, you can then push the "Play/Select" button a single time to start playback of your primary sound. Unless you change the volume prior to pushing "Play/Select", the volume will start off at level 0, so you will need to increase the volume using the volume up button to hear it play.

4-7 Volume & Mute Control

The volume can be adjusted by using the "Volume Up" and "Volume Down" buttons on the keypad mid-operation, prior to selecting a sound, or even while the caller is muted. Volume ranges from 0 through 40 and the volume is increased in steps. These steps are configured through the main menu under Sound Settings. The available stepping values are 1, 2, 3, and 5. By default, the CS-24C remote is set for a volume stepping value of 2. Volume can be controlled automatically by a feature called Auto Volume.

5. FOX FEATURES

This chapter explores all the Fox Features in-depth to help you understand how to use them and get the most out of your calling experience. While reading this section, keep in mind the following point: some Fox Features are not compatible with other Fox Features, and some remote operations will override Fox Features when called upon. There may be times when you try to perform an operational change with the CS-24C Remote that results in a pop-up message asking you if you wish to cancel the currently engaged Fox Feature to carry out the desired operation.

No matter what FOX FEATURE you have engaged, if you change the primary sound from one sound to another, it will automatically disengage the active FOX FEATURE. FOX FEATURES will work with some other modes of operation such as Jukebox Mode and FOXCAST, but as soon as it is switched to a different sound, that feature will be turned off.

5-1 FOXMOTION

FOXMOTION is a unique feature that allows you to "move" the sound between the internal speaker and an external speaker at varying rates to portray an effect of the sound (animal) moving. There are 5 different rates or speeds at which you can have FOXMOTION operate. The lower

the setting, the more gradual the transition from one speaker to the other will be.

Activating FOXMOTION:
1. Turn on the CS-24C and CS-24C remote.
2. Begin sound playback like normal.
3. Access the CS-24C remote main menu and select the FOX FEATURES item.
4. Select FOXMOTION and change it to on. Then select the Rate item directly beneath it to adjust the speed that FOXMOTION operates at.

5-2 FOXBANG

When activated, FOXBANG reacts to the report of a firearm by automatically switching to an assigned function established within the CS-24C remote. There are 8 different settings for FOXBANG. The available functions you can link to FOXBANG activation include: FOXDATA, mute (toggles mute on/off), auxiliary (toggles auxiliary device on/off), preset 1, preset 2, preset 3, preset 4, and preset 5. When FOXBANG is triggered, it will create a new record within your FOXDATA in addition to performing the specified action.

To Activate FOXBANG and Assign a Function:
1. Access the FOX FEATURES menu on the CS-24C remote and locate FOXBANG.
2. Cycle through the available options from "Off" to the desired function you would like FOXBANG to be linked to.
3. When the desired function is selected, push the "Play/Select" button to lock it in.

As the remote control 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 3 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.

Setting the Sensitivity:
1. Access the FOX FEATURES menu on the CS-24C remote and locate FOXBANG.
2. Select FOXBANG Sen. and use the scroll buttons to cycle through the available sensitivity options.
3. When the sensitivity level has been set, push "Play/Select" to lock it in.

The FOXBANG sensor is located inside of the CS-24C remote. For it to detect the gunshot, the remote needs to be relatively close to the firearm. It is assumed that most hunters will have the remote on a lanyard around their neck.

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. Before using FOXBANG in the field, head out to your local shooting range and test the different sensitivity levels to find the one best suited to your firearm.

5-3 AUTO VOLUME

Different hunters like to deploy different tactics in the field. For example, some may get set up and start playing their favorite sound at a specific volume level until an animal shows up. Others prefer to have their volume level change frequently. While both methods have been

proven successful, Auto Volume takes care of your volume manipulation so that you can keep focusing on the action in the field. When activated, auto volume begins playing your sound at the lowest volume setting. Over the course of a few minutes, your volume level will slowly begin to rise. Once it reaches a certain point, the volume will then begin to modulate up and down automatically.

Activating AUTO VOLUME:
1. Access the FOX FEATURES menu on the CS-24C remote and locate AUTO VOLUME.
2. Change the value from off to on.
3. After changing to on, push "Play/Select" to lock it in.

When you are operating with Auto Volume engaged, you can still adjust the volume, but the adjustment that you make is relative only to the maximum volume that Auto Volume will climb to during its operational cycle. If you change sounds while AUTO VOLUME is turned on, it will be automatically turned off.

5-4 User Button

The User button is located on the bottom left side of your CS-24C remote keypad. This button can be assigned a function of your choice for quick one button access. You can choose from preset 5, theme change, FOXBANG, FOXMOTION, Auto Volume, time(r) toggle, timer reset, or backlight.

Programming the User Button:
1. Access the FOX FEATURES menu on the CS-24C remote and locate USER.
2. Select USER and use the scroll buttons to cycle through the available options.
3. When the desired option has been set, push "Play/Select" to lock it in.

If you selected FOXMOTION as your USER button feature, please be aware that it will toggle the state of FOXMOTION. For example, if FOXMOTION is turned off when you push the USER button, it will automatically turn on FOXMOTION and take you straight to the configuration screen. If you have FOXMOTION on already, it will turn it off. If you change sounds, FOXMOTION will be turned off.

5-5 FOXDATA

FOXDATA is a digital journal, of sorts, that allows you to track details from any hunt. At the push of a button, FOXDATA creates a new log entry documenting the current state of the remote control including current playing sound, volume level changes, FOXFUSION usage, temperature, barometric pressure, date, time, moon phase, and timer. The recorded data is stored in a CSV file within the remote control. You can access this file by connecting the CS-24C remote to a PC. CSV files can be opened with popular software titles such as Microsoft Excel.

As an extension to FOXDATA, FOXPRO has developed an online extension that you can use to store your data. Visit the website below for more information on the FOXDATA online extension: http://www.gofoxpro.com/foxdata/

To make sure that your collected data is organized on a structured, per-stand basis, it is important that you remember to start and end the FOXDATA tracking feature at the start and end of each stand. Otherwise, the data set will not be closed, and you may end up with multiple stands featured as a single data set. FOXDATA will automatically record FOXBANG and FOXGRIP activations only. All other records are generated by pushing the FOXDATA button a single time.

To use FOXDATA, at the beginning of a hunt, before you start calling, push and hold the FOXDATA button for 1-2 seconds. This button is

located on the side of the CS-24C remote. Select "Hunt Started". After selecting this option, FOXDATA recording begins. To check whether FOXDATA is actively recording, access the FOXDATA menu screen. The title bar will display "(R) FoxData – Comment" where the (R) is the active recording indicator. Optionally, select the current weather conditions to further notate this hunt. The options are listed in a chart below. Proceed forward with your hunt and use the caller just like you normally would. Each time you wish to create a log entry, push the FOXDATA button a single time and the current state will be recorded. After you have completed the hunt, push the FOXDATA button for 1-2 seconds and select one of the shown options to close the session with a specific comment reflecting the outcome of the hunt.

The options for ending a hunt are as follows: Successful Call, Successful Call/Kill, Shots Fired / Miss, Camera Shot, Nothing Seen, Premature Ending. The options for weather conditions are as follows: Weather Clear, Weather Cloudy, Weather Overcast, Weather Rain, Weather Snow.

A quick press and release of the FOXDATA button results in a FOXDATA record being created without prompting you for a comment. When FOXBANG and/or FOXGRIP are active and triggered, a FOXDATA record is made.

5-6 FOXGRIP

This allows you to pair a FOXPRO Fox Grip or Fox Grip 2 with the CS-24C Remote control. Detailed instructions for using each Fox Grip model can be found on our website. The following provides general instructions for basic setup.

Pairing the FOXGRIP to your CS-24C Remote:
1. Make sure that your FOXGRIP has a fresh battery installed.

2. Access the FOX FEATURES menu and locate the FOXGRIP Unit ID menu option.
3. Push the "Play/Select" button a single time. A message will appear stating "Activate FOXGRIP to pair now."
4. Push the button on your FOXGRIP. The CS-24C remote will detect the signal and then display the FOXGRIP Unit ID to the right of the menu item.

After the FOXGRIP device is paired with your CS-24C remote, the next step is to determine what feature you would like to assign to FOXGRIP. The following options are available: FOXDATA, mute, auxiliary, preset 5, preset 4, preset 3, preset 2, and preset 1. To disable FOXGRIP, set this to off.

Assigning a feature to FOXGRIP:
1. Access the FOX FEATURES menu and locate the FOXGRIP menu item.
2. Push the "Play/Select" button and then use the scroll buttons to cycle through the available options. If using a Fox Grip 1, you will only adjust Button 1. If using Fox Grip 2, you can adjust the setting for both buttons.
3. After locating the desired option, push the "Play/Select" button to lock it in.

6. Sound Settings

This chapter explores the sound settings menu and all associated options.

6-1 Volume Step

The CS-24C remote has a range of volumes from 0 – 40. Increasing the volume in the field by increments of 1 may be too slow for some and therefore this stepping value is configurable. You can choose from 1, 2, 3, and 5. The factory default setting is 2.

6-2 Pri. Mode

Allows you to specify how the sounds are played back. The default value is repeat, where the sound will play continuously when the end of the sound has been reached by starting over. Single mode will result in each sound being played a single time. Juke represents 'jukebox mode' where after a sound has played, it will automatically move on to the next sound in the list.

6-3 Spk Mode (Speaker Mode)

There are three speaker modes available for you to select from. These modes affect how sounds are played through the speakers. The modes are Stereo, Reverse Stereo, and Mono.

By default, the device will be setup for stereo speaker mode. As the CS-24C has a single speaker setup a stereo audio file will be split so that the left channels play through the internal speaker while the right channel plays through the external speaker. Reverse stereo flip-flops the left and right audio channels. Mono mode results in left/right channels being condensed so that the same sounds play through all speakers at the same time.

6-4 Main Speaker

Provides you access to turn the internal speaker on and off.

6-5 Ext. Speaker

Provides you access to turn the external speaker on and off.

6-6 Preset Mute Override

During normal operation, if the CS-24C 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 call upon preset activation. It works by initially checking to see if mute is active and, if it is, un-mute the unit

while playing the preset sound. This is especially important for FOXBANG operation. By having preset mute override turned on, FOXBANG activation will result in the CS-24C being un-muted if it is muted when the activation occurs.

7. Display / Power

The Display/Power menu allows for control of on-screen display options such as backlight, screen timeout, and operational theme.

7-1 Brightness

This controls the brightness of the display. You can adjust the screen brightness from 10% (minimum) and 100% (maximum) brightness in increments of 10%.

7-2 Keypad

This controls the intensity of the keypad back light. You can adjust the intensity from 0% - 100%.

7-3 Theme

The CS-24C remote has three operational themes built in. These themes are designed to help optimize the appearance of the on-screen display based upon factors such as time of day. The two main themes to address this are: night and day. These themes provide the basic framework for the visual look, but you are not limited to the themes default setting. You can still adjust screen brightness to fine-tune it to your specific needs. Also included is the FOXPRO theme which is built with FOXPRO company colors (orange/black). This theme is very good for night hunting.

7-4 Display Timeout

After being idle for an established period, the on-screen display will go blank. The CS-24C remote will not power off completely during display timeout (see Auto Off) and is still completely usable. When the screen

completes a timeout cycle, the screen can be reactivated by pushing any button on the keypad (please see important note below). There are five different time settings that you can use for configuring the display timeout: 5 seconds, 15 seconds, 30 seconds, 1 minute, 2 minutes, and 5 minutes.

7-5 Auto Off

After being idle for an established period, the CS-24C remote control will completely power down. When this happens, the remote must be powered back on like normal. There are five different time settings that you can use for configuring the auto power off: 30 minutes, 45 minutes, 1 hour, 2 hours, and 4 hours.

8. Date / Time(r)

The Date / Time(r) menu provides access to the date and time configuration, stand timer configuration, and the stand alarm.

8-1 Stand Timer & Timer Reset

When activated, the far right indicator on the bottom status line will begin keeping time that has elapsed since the CS-24C remote has been powered on. The timer displays as: "MMM:SS" ("M" stands for minutes and "S" for seconds). The stand timer begins tracking time as soon as the CS-24C remote is turned on.

8-2 Alarm

The CS-24C 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 – 60. When the alarm is set and the configured time span passes, the stand timer (or clock if set to display the clock) will begin to flash alerting you.

8-3 Time

The CS-24C remote has a real time clock. This clock must be set when you first install or change batteries. The clock can be displayed in either the standard 12-hour format or 24-hour format (military time). The bottom status line of the CS-24C display can show either the current time or the stand timer. The stand timer will only be displayed if it is turned on—otherwise, the clock will show the current time.

8-4 Date & Date Format

The CS-24C remote will keep track of the current date to properly render moon phases. These need to be set up when you first start using the CS-24C remote. There are three different date formats that you can choose from depending upon your personal preference. They are month/day/year, year-month-day, and day.month.year.

9. TX1000 Settings

The TX1000 Settings menu allows you to change the radio channel, download the sound list, and configure other options.

9-1 Radio Channel

The CS-24C remote can be configured to operate on one of 8 different radio channels (0-7). If you change the radio channel for the CS-24C remote, you must also change the radio channel for the CS-24C digital game call—otherwise the two devices will not be able to communicate. Do not change the radio channel on the remote control without also changing it on the CS-24C. Doing this will result in a loss of communication. To change the channel on the CS-24C, please see Chapter 3 Section 3-4.

9-2 AUX

The auxiliary jack operation specifications can be changed for either momentary or latched. All FOXPRO Jack Predator Decoys require that the jack be setup for momentary.

9-3 View

The CS-24C remote control 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.

9-4 Temperature Units

The integrated thermometer can display temperature in either Celsius or Fahrenheit based upon your preference.

9-5 Barometer Measurement Units

The CS-24C remote can display barometric pressure readings in either inches or millimeters depending upon your preference.

9-6 Elevation

Barometric pressure is the reading provided by a barometer in measuring atmospheric air pressure. The pressure is not constant, but changes depending upon altitude and weather conditions. To get the most accurate measurements with your CS-24C remote, it is recommended that you set the elevation value for your location. Atmospheric pressure is the greatest at sea level as compared to higher altitudes. To get the best calculation, knowing your approximate elevation will greatly increase the accuracy. There are many online resources that can assist you in determining your elevation above sea level. Performing an online search will provide you with ample results featuring maps or other tools to determine the elevation for your area.

9-7 About Info

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

9-8 Restore Defaults

To reset your CS-24C remote control back to factory defaults, use this option. Please be aware that restoring factory defaults will result in loss of your presets/favorites, sound list, categories, and all FOXDATA information.

10. CS-24C Remote USB Operation

The CS-24C remote control features a mini-USB port located inside the speaker cap compartment. To connect the remote to a computer, you will need to obtain a mini-USB type A/B cable (provided with the CS-24C).

Connecting the CS-24C Remote to a Computer:
1. Connect the USB cable from the jack on the CS-24C remote to a USB port in the computer.
2. Power on the CS-24C remote. The screen should activate and show "USB Active" instead of the sound screen.
3. Your operating system will then detect the device and take the necessary steps to make it accessible for you. Windows users will see a new drive letter appear named "TX1000". Mac users will see a new icon appear on their desktop called "TX1000".

When the CS-24C remote is connected to a computer, you can browse through the device just as you would any other USB storage device. Inside of the file system, you should encounter two files. These files are "foxdata.csv" (contains FOXDATA data) and "presets.txt" (contains information about your favorites.

Each of these files can be viewed on most operating systems through the standard plaintext editor such as notepad. Except for the FOXDATA file, the other files can be modified for your specific configurations.

10-1 Editing the Presets File

While you can create and edit your presets through this file, it is recommended that presets be created through the CS-24C remote as described earlier. Open the file titled 'presets.txt' to view the contents. The file should look something like the following:

007,31
086,23
010,5

Each line in this file refers to a specific sound number and a volume level separated by a comma. The first line of the example shown above indicates sound number 007 established for playback at volume level 31. You can add more presets to the file manually by editing it through your computer. After you have it edited to your liking, save the file, and close it.

10-2 Viewing the FOXDATA File

The FOXDATA file is in what is called CSV format or comma separated values. In a CSV file, the first row defines the variable (field) names each separated by a comma and subsequent rows contain relative data for those defined fields. At first glance, the file may seem confusing and not very useful. FOXPRO has developed an online FOXDATA extension that allows you to create an account on our website, upload your 'foxdata.csv' file and have that file turned into easy-to-read charts, graphs, and tables.

11. Programming the CS-24C

For extensive programming directions and information, please view the FOXPRO website. There you will find both written documentation as well as a video presentation that will guide you through the process. We also have free programming software available for both Windows and Mac computers.

12.   Creating FOXCAST Sequence Files

This section will provide you with detailed information on creating and installing FOXCAST sequence files in your CS-24C digital game caller.

12-1 Creating FOXCAST Sequences Manually

A FOXCAST sequence file is a simple text-based file that contains unique instructions to guide your CS-24C through a stand. These instructions include commands to change the sound, change the volume level, enter a passage of silence, and so forth. The following list shows the possible instructions, value ranges, and descriptions.

- S [0 – 999]: denotes numerical value of sound on unit
- V [0 – 40]: denotes numerical value of volume level
- P [1 – 99999]: denotes pause value in seconds (approx.)
- B [0-19]: FOXPITCH activation and parameter
- M [0 – 4]: FOXMOTION and speed parameter
- D [1 or 0]: 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

A typical FOXCAST sequence file may look something like the following example:

V 20

S 15 4

P 90

V 35

S 22

V 30

S 20 3

Q

The above example is interpreted as follows: Set volume to level 20. Play sound number 15 a total of 4 times Pause for 90 seconds. Adjust volume to level 35. Play sound number 22. Adjust volume to level 30. Play sound number 20 a total of 3 times. Quit.

Notice that you can specify how many times you wish a particular sound to be played. By entering your instruction as "S 20 3", you are thereby instructing the unit to play sound 20 a total of three times.

A FOXCAST sequence must always begin with a volume or pause. 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 CS-24C will go silent. "R" represents repeat. Once the sequence has been played entirely, the CS-24C will play that sequence again until it is interrupted by the operator. The CS-24C can accept up to 20 FOXCAST sequence files. These files will need to be in a format such as: "S00 My Sequence 1.seq".

12-2 Placing Sequences in the CS-24C

The CS-24C expects to find FOXCAST sequence files inside of the "Sounds" folder in the CS-24C. If you are loading the sequence files manually, the first step is to connect the CS-24C to your computer. Browse to the CS-24C and open it up. Locate the "Sounds" folder. Copy your sequence files from wherever they are stored on your hard drive, into this folder (drag and drop). If you are using the online FOXCAST file generator, you can save the file directly from the website right into the "Sounds" folder in the CS-24C.

12-3 Creating FOXCAST Sequences 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. Just remember to save the sequence files into the "Sounds" folder in the CS-24C.

12-5 Synchronizing the CS-24C Remote

Before you can access your FOXCAST sequence files on the CS-24C remote, you must download a new copy of the sound list.

13. Product Care & Maintenance

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. Damage 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.

Check it out before heading into the field! If you are getting your caller out for the first time this season, take it out back and check it out 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.

14. Troubleshooting

This section covers the troubleshooting aspects for the CS-24C and CS-24C remote control. The most common problems are battery related. Before doing anything else, try installing fresh batteries. When your batteries get low, in either the CS-24C or the CS-24C 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: CS-24C 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. Also check all positive contacts on the tray for signs of corrosion.

Problem: CS-24C does not produce audio. **Solution:** Check that the speakers are not turned off in the CS-24C remote control. Check to see if you can play sounds manually (without the remote). If you cannot play sounds manually, connect the CS-24C to a computer and inspect the sound files for missing files or signs of corruption.

Problem: CS-24C remote not controlling CS-24C. **Solution:** Make sure that the remote and caller are set to the same channel of operation. Then turn off the caller and remote, wait a few moments, turn them back on and try operating again.

Problem: Cannot transfer sound list to CS-24C remote. **Solution:** Make sure that the remote and caller are set to the same channel of operation. Keep the remote control near the CS-24C caller.

Problem: CS-24C remote does not turn on. **Solution:** Try replacing the batteries.

Problem: CS-24C remote stuck on start-up screen. **Solution:** Try replacing the batteries.

Problem: External speaker does not play. **Solution:** If you have the speaker connected to the right external speaker jack, make sure that the right speaker is not disabled in the CS-24C remote, and vice versa with the left speaker jack. The external jacks are linked left/right accordingly.

Problem: Cannot control external decoy. **Solution:** If you are using a FOXPRO Jack Predator Decoy, make sure that the AUX configuration is set to momentary and not latched. If you are using a third-party decoy, try using the latched setting instead of momentary.

Problem: Having trouble programming new sounds. **Solution:** Check out FOXPRO's website for detailed programming information for your CS-24C. 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.

Problem: Cannot control volume on CS-24C. **Solution:** Check your CS-24C remote configuration to see if Auto Volume is activated. If it is, it would seem like you have no volume control ability.

15. Maximizing Remote Range

Remote range can be affected by many factors. Some of these factors can be controlled while others cannot. To achieve the best possible remote range with your CS-24C digital game call system, it is recommended that the following points be observed:

- Always use high quality alkaline or lithium cell batteries in the remote.
- Always maintain a clear line of sight between the remote control and the CS-24C. 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.

- If you are using the CS-24C remotely from a long distance, be sure to allow enough time for device reaction before sending multiple signals. For example, if you request a sound change, consider the amount of time from radio transmission from the remote to the CS-24C until that signal is turned into a change in operation that you can perceive. It will not always be instantaneous and may take a second or two before a change in operation is detected from your vantage point. Mashing down button after button can get the device into a state of confusion which could result in undesirable results.
- If you are operating around another CS-24C user, make sure that you are both on different channels to prevent any interference.

16.   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 TX1000 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 functionnement.

17. 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 five 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.

Online Warranty Registration

You can register your CS-24C digital game call online at the following address): http://www.gofoxpro.com/warranty

Make sure that you retain a hard copy of your proof of purchase (i.e., store receipt) for any future warranty claims.