interwrite™
PRS *RF*

**InterWrite PRS
Remote Clicker
User's Guide**

interwrite
P R S **RF**

We at GTCO CalComp are proud of our InterWrite™ family of products. We strive to continue to bring you the best the technology has to offer. We urge you to visit our Web site, where we will post the latest information regarding any updates and changes we have made that would impact the instructions in this *Getting Started* document.

www.gtcocalcomp.com

Support/InterWrite/Software Downloads

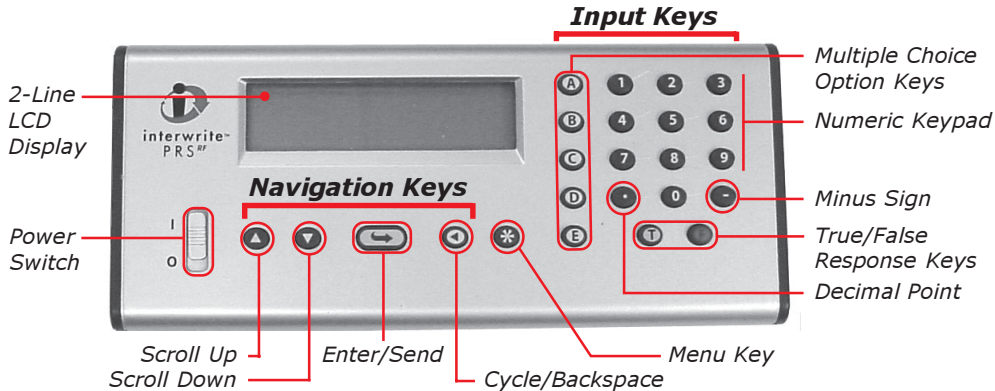**Support/InterWrite/Documentation Library**

GTCO CalComp
P E R I P H E R A L S

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OVERVIEW

Your PRS RF Clicker is part of the InterWrite PRS student response system. You will be using this RF Clicker in your classes to respond electronically to questions.

Input Keys

2-Line LCD Display

Multiple Choice Option Keys

Numeric Keypad

Minus Sign

Navigation Keys

Power Switch

True/False Response Keys

Decimal Point

Scroll Up

Scroll Down

Enter/Send

Cycle/Backspace

Menu Key

interwrite PRS RF

Clicker Key Quick Reference

INPUT KEYS		FUNCTION
Numeric Keypad (1-9, 0)	Numeric Keypad	Enter numeric Responses and numbered Multiple Choice Questions Enter numeric values, *i.e.*, Student ID and Question numbers
Decimal Point key	Decimal Point	Enter a decimal point in a numeric Response Press twice to enter a forward slash (/) for fractions
Minus Sign key	Minus Sign	Enter to indicate a negative number
Alpha keys (A-E)	Multiple Choice/ Alpha Character Keys	Enter your Response Choice to a Multiple Choice Question Switch to *Alpha Mode*
True/False keys (T, F)	True/False Response Keys	Enter Response to True/False Questions Switch to *Alpha Mode*
1, 9	Confidence Level Indicators	When combined with a single-choice Multiple Choice Response, or a True/False Response, **1** = Low Confidence and **9** = High Confidence

| NAVIGATION KEYS		FUNCTION
▲ ▼	Scroll Up, Scroll Down	Scroll Up and Scroll Down in Setup Menu (watch for the ⬍ symbol) Scroll through the alphabet when in *Alpha Mode*
⏎	Enter/Send	Saves input values, *e.g.*, Student ID Sends Responses
◀	Cycle/Backspace	Cycles through menu setting options when the ◀ is displayed in lower right corner of LCD display, or Goes up a Menu level when ◀ is in upper left corner of LCD display
✴	Menu Key	Stops Autoscan and displays Setup Menu

BASIC OPERATION

1 Slide the **Power Switch** up to turn the RF Clicker on.

Note that the initial screen displays the current battery level in the lower right corner of the LCD display. Your Clicker will then begin automatically scanning for a *Class* to *join*.

2 Scroll ⊙ or ⊙, if necessary, to your Class and press ⊡ to join the Class.

You are now in **Test Mode** and ready to participate in a PRS Session, or

2 Press the **Quick Jump** number displayed on the board to quickly find your Class. Press ⊡ to join the Class.

First Time Users: You must enter your Student ID before you can begin using your PRS Clicker to transmit Responses.

1 Press ✱ to display the **Setup Menu**.

2 Scroll ⊙ or ⊙ to display the **ID:** menu option and press ⊡.

3 Input your Student ID. (See **Setup Menu** on page __ if your Student ID contains alpha characters.)

4 Press ⊡ to save your Student ID.

2 Press ✹ to stop the Autoscan and display the Setup Menu.

SETUP MENU

Use the Setup Menu to input your Student ID, set operational modes and select a Test Mode. Note the visual, navigation cues on the Setup Menu:

Scroll ▲ or ▼ to view additional Setup options

Press ⬅ to view this Setup submenu

Cycle through settings, or cycle through menu levels

Entering Alpha Characters:

1 Press one of the letter keys (A through E, T, or F) to display that alpha character on the display.

2 Use the ▲ ▼ Keys to move to the letter you want to input.

Repeat these steps for each letter you want to input.

Enter Student ID

1 If you are not in the Setup Menu, press ✹. Scroll to **ID:** and press ⬅.

2 Enter the numbers and letters of your Student ID, using the *Number* and *Letter Keys* on the keypad.

3 Press ⬅ to save your Student ID and return to the Main Setup Menu.

Sleep Mode and AutoOff

Both Sleep Mode and AutoOff are designed to extend battery life.

New Class Scan

Select this Setup Menu option when you want join a Class. When Autoscan has finished, scroll ⏶ ⏷ to the the Class you want to join and press ⟿.

Diagnostics

The Diagnostic information of most importance to you will probably be **Battery Life**. Check this Diagnostic option periodically, so you don't end up with a dead unit at a critical time. Instructions for replacing the batteries can be found on page __.

Homework Mode

This operational mode was designed to allow you to answer Questions offsite, save them and send them to the PRS Receiver when asked to do so. Press ⟿ to display the *Homework* submenu, where you will find four options—*New, Continue, End* and *Send*.

- Select *New* to start a new Homework Session. You will be prompted to enter a *Test Number*.
- Select *Continue* when you are ready to return to the Homework assignment and answer more Questions.

- Select *End* when you are ready to take a break, or when you have completed the Homework assignment.
- Select *Send* when your Instructor asks the class to turn in their Homework assignments.

Joining a Class

Most of the time you will be using your PRS Clicker to electronically respond to Questions in the classroom. When you turn on your Clicker, it automatically begins scanning for active PRS RF Receivers. Each Receiver is broadcasting for its specific class. When the Autoscan is completed, scroll ⊙ ⊙ the list of Classes and when you have found your class, press ⊜ to *join* it.

The Questions you will be asked during a PRS Session will be projected at the front of the classroom. Your instructor can choose from among five types of Questions— *Multiple Choice,*

True/False, Numeric, Series, and *Short Answer*.

Question Types:

- *Multiple Choice* Questions display a list of numbered or lettered Response options.
- *True/False* Questions use the **T** and **F** buttons only.
- *Numeric* Responses of up to 16 characters can include the Decimal Point and the Minus Sign.
- *Series* Questions require you to put the Responses in some sort of order.
- *Short Answer* Questions allow a Response of up to 16 characters.

Responding to Questions:

The process for responding to a Question is the same, regardless of the Question type:

1   Press the button(s) that represent your answer,

2   press 🔲, then

3   press ◉ to move to the next Question.

Back of RF Clicker

Screw

Thumb Grip

Battery Cover

REPLACING THE BATTERIES

1 On the back of the RF Clicker, remove the **Screw** holding the **Battery Cover** in place.

2 Remove the Battery Cover by pushing down on the **Thumb Grip** and sliding it toward the bottom of the Clicker.

3 Remove the old batteries and discard them following the proper disposal procedures.

4 Insert three alkaline AAA batteries, positioning them properly to ensure the correct polarity.

5 Slide the Battery Cover back into place and replace the Screw.

SPECIFICATIONS

Dimensions:	2.25 x 4.25 x 1 inch (56 x 107 x 25 mm)
Weight: (without batteries)	2 ounces (55 grams)
Power:	Three AAA (1.5V) Alkaline Batteries*
Signal:	Infrared
Effective Distance:	21 yards (20 meters) minimum

*Replace the batteries when ...

Dana, these are the specs from the IR transmitter. I'm just using them as a 'place holder' for whatever specs pertain to the RF unit.

Canada

Industry Canada Class B emission compliance statement. This Class B digital apparatus complies with Canadian ICES-003.

Avis de conformité á la réglementation d'Industrie Canada. Cet appareil numérique de classe B est conforme á la norme NMB-003 du Canada.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1   This device may not cause harmful interference, and

2   This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits of 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 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 try to correct the interference by one or more of the following measures.

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

Declaration of Conformity

The "CE" mark on this device indicates compliance under the EMC 89// 336/EEC Directive.

Declaration of conformity according to ISO/IEC Guide 22 and EN 45014

Manufacturer's Name: GTCO CalComp,Inc.

Manufacturer's Address: 7125 Riverwood Drive
Columbia,MD 21046 U.S.A.

declares, that the product

Product Name: InterWrite PRS Transmitter

Model Numbers: TX-01A, TX-02

Product Options: All

conforms to the following product specifications:

EMC: EMC Directive 89/336/EEC and amendment 92/31/EEC

Emissions Testing: EN 55022:1998 Class B

Immunity Testing: EN 55024:1998 including:
EN 61000-4-2;ESD
EN 61000-4-3;Radiated Immunity

Supplementary Information

The product herewith complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC.

Scottsdale, Arizona, U.S.A.	4-30-2004	Dana Doubrava
Location	Date	Engineering Mgr

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European Union Emission Directive

This product is in conformity with the protection requirements of EU Council Directive 89/366/ECC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

This product has been tested and found to comply with the limits for Class B Information Technology Equipment according to CISPR 22/European Standard EN55022. The limits for Class B equipment were derived for typical industrial environments to provide reasonable protection against interference with licensed communication devices.

European Union WEEE Directive

As the producer of the InterWrite Model 400 Pads, GTCO CalComp supports the objectives of the European Union WEEE Directive and is committed to ensuring ongoing compliance with the Directive. In an effort to help us meet our objectives and obligations for responsible use and management of our products, we ask that you return this product at the end of its useful life to the appropriate local collection facility. Further information about the responsible end-of-life management of this and other GTCO CalComp products is available on our Web site at **www.gtcocalcomp.com**.

Limited Warranty for InterWrite PRS Transmitter

GTCO CalComp Corporation warrants this product to be free from defects in material and workmanship under the following terms. Complete and return the enclosed warranty registration card to ensure that your products are covered by this warranty.

Coverage

Parts and labor are warranted for one (1) year from the date of the first consumer purchase for the InterWrite PRS Transmitter.

Technical Support

Web-based Technical Support is available free of charge at: www.gtcocalcomp.com, where current driver releases, as well as comprehensive technical support, troubleshooting, Technical Bulletins and FAQs can be found.

Telephone Technical Support is available free of charge to the original consumer for a period of 90 days from the date of purchase of the product. Please contact our Service & Support Department at (410) 312-9221 (EST), or (480) 443-2214 (MST).

You can also fax your request to (410) 290-9065 (EST), or (480) 948-5508 (MST). Our toll-free numbers in the U.S. are: 800-344-4723 for our East Coast customers and 800-856-0732 for our West Coast customers.

To view the terms and conditions of the Limited Warranty for InterWrite PRS Clickers in their entirety, please visit our Web site at:

www.gtcocalcomp.com

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