

NOTIFEX ~ Transmitter Control Unit

FCC Required Notices, Other Notices, Safety Instructions

The **NOTIFEX** TCU does its job using radio waves. Thus it is subject to government rules that regulate who uses what radio frequencies and when and how they are used. The Federal Communications Commission (FCC) provides this regulation

The FCC requires the following notices:

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.

Product: Notifex Beeper Transmitter - TCU

FCC Grantee Code: UAT

Equipment Product Code: N4TCU6

Responsible Party: Notifex; Putney Landing Enterprises Inc.; 61 Putney Landing, Putney, Vermont 05346 Phone: 802 387-4278

FCC Notices

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

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

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Consult an experienced radio-TV technician for help.

If you cannot eliminate the interference, the FCC requires that you stop using the unit.

Do not change or modify the unit in any way. Applications, changes, or modifications not expressly approved by the manufacturer may cause interference, changes in operation which bring the unit out of compliance with FCC rules, and void the user's authority to operate the equipment.

It is not permitted to connect this equipment to any kind of amplifying device.

Pursuant to Part 95.1309 of the FCC Rules, use of this MURS unit within the United States does not require an FCC license to be obtained by the user. You are permitted to operate this unit if you cooperate in the selection and use of channels in order to reduce interference to others, and if you are not a representative of a foreign government.

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Important Safety Instructions

Read these Instructions! They are for your benefit and protection. Save them for future reference. All safety and operating instructions should be read and understood before the TCU is operated.

Pay attention to and follow - any warnings you read in this document or see on the **NOTIFEX** TCU case.

Use and follow these instructions. Doing so will help you get the most out of your **NOTIFEX** system, and will protect the safety of both people using the TCU and the device itself.

Cleaning

Disconnecting the TCU from wall power before you clean it is a good safety precaution. It should clean easily with a damp cloth; if necessary use a touch of soap or dish detergent. Do not use stronger household cleaners, aerosol or spray cleaners or waxes.

Placement

The **NOTIFEX** TCU should be placed where it will be out of the way and will not get knocked around. Avoid locating it where it might fall or be crashed into (by, for example, a vacuum or a chair). It should be located close enough to a 120V household wall outlet that it can be easily plugged in.

All wires connected to the TCU should have a little slack in them to prevent cord strain at the points(s) of connection. Avoid running wires where they will be damaged by foot traffic or vacuum cleaners and the like, or where furniture or other objects may pinch or damage them.

Do not locate the TCU near heat sources like heaters, radiators, heat registers, or fireplaces; on heat-producing devices like computers, amplifiers, TVs, toaster ovens, or the like; or on or near a stove.

The **NOTIFEX** TCU can be mounted on a wall or can sit flat.

Attachments

Use only manufacturer supplied or authorized attachments, and use them only in the manner specified by **NOTIFEX**. Attachment of the wrong device to this unit could be hazardous to people and/or could harm the unit.

Never put any foreign objects or anything not supplied and/or approved by **NOTIFEX** into any of the openings on the unit.

Water and Damp

Water is an enemy to most electrical and electronic devices, and this TCU is no exception. This unit is not designed to get wet or be exposed to the elements. Keep it away from water including: swimming and kiddie pools, sinks or wash tubs, showers or bath tubs, washing machine, outdoor sprinklers, wet basements, or any other location where it may get wet. Never put anything wet into any of the openings on the unit.

When to Seek Service

Get the TCU serviced: if the unit has been harmed or damaged (physically or electrically); if any wires are frayed or damaged; if the unit has gotten wet; if the power cube (which plugs into a regular wall socket) gets unusually warm or hot (it is usually a little warm when it is plugged in); if there is a noticeable change in performance or if the unit doesn't function properly. In the event of a malfunction in the unit, try the troubleshooting steps in these instructions first.

Servicing

There are no user-serviceable parts inside the case of the **NOTIFEX** TCU. Opening or removing the cover may expose you to electrical hazards, and will void the warranty. If you decide to get the unit serviced (for example, after the warranty period runs out), refer any servicing to qualified service personnel only, or return the unit to us for attention. (Because the TCU makes and transmits radio waves, it must be serviced only by someone authorized by the FCC.) Again, if you choose to get the unit independently serviced, if replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards. Be sure to ask any service technician to run performance and safety checks after working on the unit, to determine that it is in proper operating condition.

THE NOTIFEX SYSTEM

User Manual

The **NOTIFEX** is ready to use out of the box, and sets up in three easy steps:

1. Plug in the antenna.
2. Plug the little round jack at the end of the power cord into the power jack on the back of the **NOTIFEX** TCU (Transmitter Control Unit). Plug the power cube into a wall outlet.
3. If you have a remote sensor option (2RSR6), plug the 2RSR6 into one of the jacks (see below About Sensors) at the rear of the TCU. If your sensor is direct-wired, connect a cable to the sensor and the matching jack at the back of the unit.

Although the **NOTIFEX** system uses extremely reliable and up-to-date technology, the way it works is simple and easy to understand:

A sensor senses a change (like someone stepping on a sensing pad), and signals the TCU about the change. The TCU then sends a signal to the beeper, which alerts you to the situation.

Some notes:

About the TCU

- To avoid the possibility of the **NOTIFEX** being turned off accidentally and not working when you are counting on it to work, there is no on/off switch on the main unit TCU when it is plugged in it is **on**.
- Each sensor has an **on/off** switch so you can control whether any sensor is sending to the TCU.
- Use only approved power supply, sensors and cables. Plugging anything other than approved power supply and sensors into the unit is potentially dangerous and will void the warrantee.
- The green light in the front of the TCU is **on** when there is power to the **NOTIFEX** and it is ready to use.
- The red light in the front of the TCU is **on** only when the **NOTIFEX** has detected a change and is sending a signal to the beeper.
- Because the **NOTIFEX** involves keeping people safe, you should do a test use whenever you use it.

About Sensors

- The **NOTIFEX** system can be used with many types of sensors. There are available sensors for detecting someone getting on or off of a chair or bed; for someone going through a doorway; motion sensors; and so on.
- There are basically two kinds of sensors, N/C (normally closed) and N/O (normally open). If you use a cable connection, be sure the sensor is plugged into the correct jack at the back of the TCU. The jacks are color-coded to help avoid mistakes. If you are using a NC sensor, make sure you push the slide switch on the back of the unit to the right; if you are not using a NC sensor, make sure the slide switch is pushed to the left.
- When you do not want to have the sensor signal the TCU of a change, just turn off the sensor. Turn the sensor back on when you want it to be back in use.
- A sensor that is turned **on** will signal the TCU whenever it senses a change, as long as about 20 seconds have passed from the last change. Thus it will signal the TCU when you turn it **on** or **off**, which provides you a good test that the system is working properly.
- To be sure the sensor is detecting what you want it to, you might have to adjust its placement a little. Check the instructions with your sensor.
- About the Beeper.
- The beeper makes a sound when the TCU alerts it.

- Every beeper TCU combination has a unique electronic code. That way, a neighbor or stray signal can't set off your beeper by mistake.
- After you get beeped you can either reset the beeper, or just turn it off. If you reset it, you may get beeped again if a sensor detects another change after about 20 seconds (like stepping onto a floor pad and then stepping off of it.)
- Your beeper has instructions for its use.

Troubleshooting:

Problem:

Check this:

The green light does not turn on

Is the power cube plugged into a working outlet?
Is the power cord plugged into the TCU?

The sensor doesn't seem to do anything

Is the sensor turned **on**?

For wired sensors:

Is the sensor connected to the correct jack?
Is the slide switch in the correct position?

For

remote sender sensors:

Check the battery.

Is the sensor receiver in the jack correctly?

The unit sends a signal to the beeper when it shouldn't

Is the slide switch in the correct position?

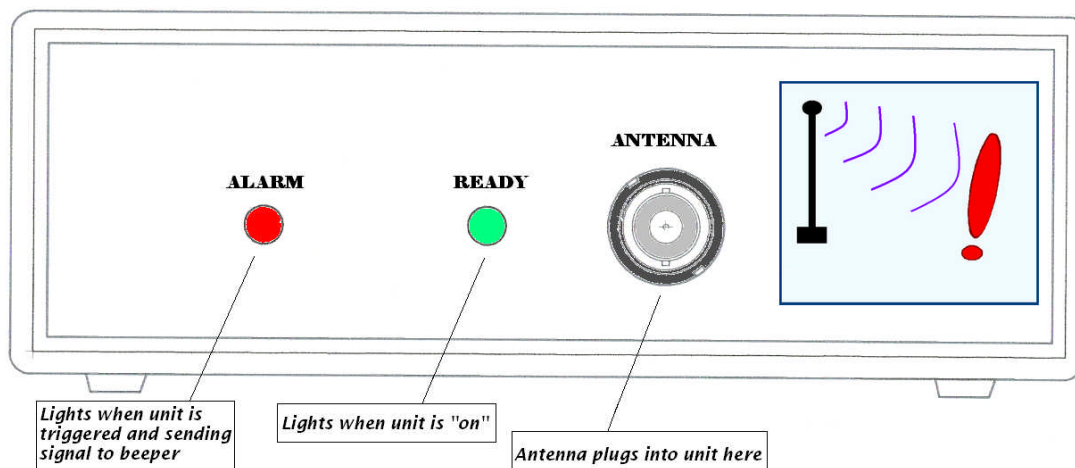
When the sensor detects a change the red light on the front of the TCU should light for a few seconds. This means the TCU is sending a signal to your beeper. If the red light comes on when a sensor triggers the TCU and your beeper doesn't beep then

Check that the beeper is turned **on** and has been reset.

Check the battery in the beeper.

Front and Rear NOTIFEX TCU Panel views showing all indicators, switches, and connection points:

FRONT PANEL VIEW



REAR PANEL VIEW

