ATTACHMENT E.

- USERS GUIDE -

HMU TELETEK Installation and operations Guide

Digital Products of Delaware, Inc

Federal Communications Commission Requirements

Warning : Changes or modifications not expressly approved by the party responsible for compliance with the FCC'S rules could void the user's authority to operate the equipment.

Because of the limited space on the model HMUTELETEK Radio Transmitter case, the notice of compliance with FCC Rules is printed here

Digital Products of Delaware, Inc

FCC ID : EEBDTGHMUTX

THIS DEVICE COMPLIES WITH PARTS 15 OF 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.

HMU TELETEK Description

HMU TELETEK electronic monitoring equipment incorporates multiple unique monitoring technologies. These include advanced radio frequency technology for continuous monitoring of client's presence and absence, identification technology for verification of incidents and participant identification and breath alcohol detection technology.

This integrated approach means agencies can use one or a combination of monitoring technologies to match the risk profile of the participant.

The HMU TELETEK notifies the central monitoring computer system immediately of any change in the status of the participant. When a curfew violation is detected, the central computer places a verification call to the HMU TELETEK. During the this call, the participant press hold the button on the Transmitter for 3 seconds to 7 seconds for the HMU TELETEK verifier. As an option, an alcohol breath sample taken.

The HMU TELETEK's tamper detection virtually eliminates false tampers. The integration of independent monitoring and tamper detection technologies makes the HMU TELETEK 4 Plus the most secure system available today.

Designed for reliability, the HMU TELETEK receiver features a 24 hour back up battery life, and the capacity to store 1024 events for each participant. Its integrated telephone handset eliminates problems caused by variations in client's phone.

The transmitter features an extended battery life of one year.

Communication to the Central computer Network is through public phone lines or private communication links.

Transmitter Description

The Radio transmitter (RT) is a small light weight unit attached to the offender's ankle or wrist. It is comfortable to wear and does not interface with the offender's normal routine activities. It is water proof, shock resistant and is not affected by normal human environmental conditions. The typical radio range between the RT and the Home Monitoring Unit HMU TELETEK receiver is approximately 150 to 200 feet.

The RT is comfortably attached to the ankle or wrist with a tamper alert strap.

Should an attempt be made to cut the band or remove the transmitter, a tamper alert signal will be generated by the transmitter, detected by the HMU TELETEK and reported.

The RT contains a micro-miniature very low power radio transmitter powered by a lithium battery to operate the unit continuously for one year. Batteries are easily field replaceable by a trained person. The unit also contains an independent passive and unique identifier device for an independent verification on callbacks and random calls.
The RT sends short radio transmissions to the receiving HMU TELETEK every 35 seconds on a continuous basis. The signal is pseudo-randomly encrypted to discourage attempts at duplication by the offender or accomplice.

- Radio frequency –detects and reports the absence o transmitter ,leaves and returns. stores up to 1024 statuses and has a 24 hour battery backup
- Verifier –creates an electronic handshake that immediately and 100% accurately verifies the presence of the offender.
- Recorded Voice verification-records verbal responses for program staff to review for verification and possible alcohol abuse
- Breath alcohol detection-(optional) Incorporated into the telephone handset and integrated into the home monitoring unit.

Audible Indicators

One beep every 35seconds ; receiving transmissions
This indicator operates only when the key switch is in the DIAG position. It is used during installation for a walk test to indicate proper reception of transmitter signals.

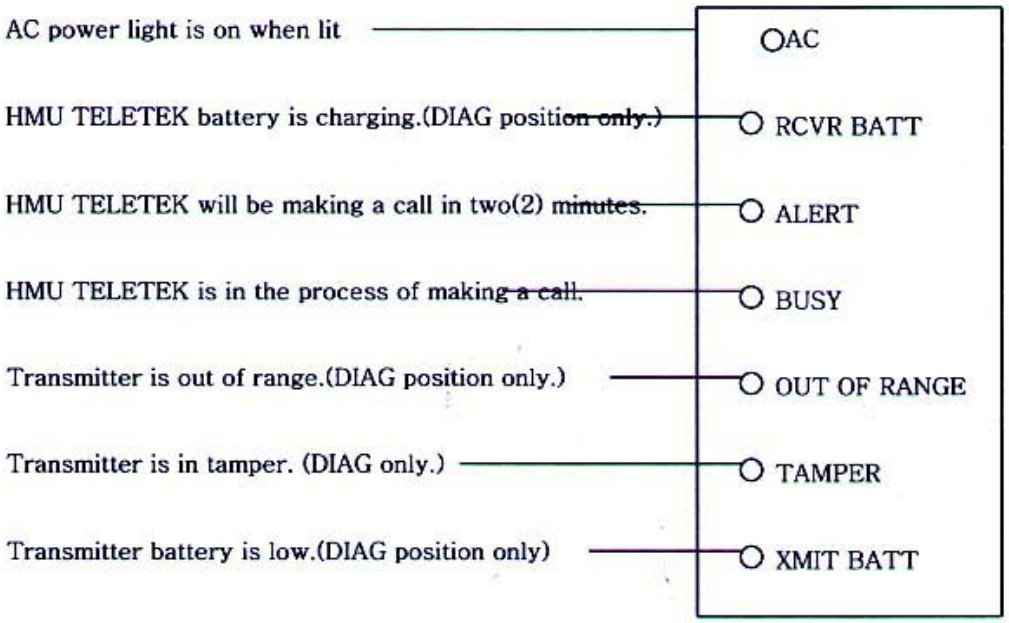
Two Beeps once per Hour ; AC power is off
This indicator signal that AC power is disconnected. (1)plug unit into AC power.(2) Check for power at outlet and/or connecting wall switch.

Three beeps every two minutes ; HMU TELETEK requires use of phone
This indicator signals that the HMU TELETEK must make a call to the Central Station.
(1) Terminate call. (2)Hang up all extensions,(3) be sure the HMU TELETEK is connected to wall outlet, and (4) do not use the phone for ten(10) minutes.

Four Beeps ; Transmitter signal is lost

Normally caused when participant leaves home. Should this persist when participant is home : (1) relocate unit as recommended in Step B of the Home installation section of manual, (2) do walk test to validate acceptable areas of the house, and/or (3)contact the DT2000 Technical Assistance Center.

Visual Indicators



HMU TELETEK installation procedure

HMU TELETEK installation procedure;

- The receiver unit should be placed in a client's home near a telephone jack and an AC power outlet. A central location close to the client's bedroom is preferable.
- Each transmitter and receiver assembly is manufactures as a matched set.
- Connect the HMU TELETEK's AC power plug and telephone plug into their respective jacks. With power connected, the AC power light will illuminate.

Transmitter Installation procedure as follows;

a. turn the HMU TELETEK key switch to the DIAG position. Both the "out of range" and the "Tamper" lights will blink.

b. Size the strap to fit a client's wrist or ankle. Using scissors cut the scissors cut the strap at once of the indicated lines.

c. Gently insert the strap into the case opening until it no longer moves. The HMU TELETEK will beep and the "tamper" and "Out of range" lights will turn off.

d. If the strap is too loose, remove the strap. The HMU TELETEK will beep and the "Tamper" light will turn on. Cut the strap using scissors and reinsert the strap into the case opening holes. Once again the HMU TELETEK will beep and the "Tamper" light will shut off.

e. Once the desired length has been found, securely fasten the strap using two studs/pins(provided in the HMU TELETEK box) by pressing them into the case opening hole with a ballpoint pen until a "click is heard.

f. Walk with the client to assure that the Radio frequency(RF) performance is satisfactory. Test for RF reception from remote location by depressing the transmitter switch. The HMU TELETEK beeps with each received transmit ion.

g. If performance is satisfactory, set the HMU TELETEK key switch to "On".

h. If the result of step f are unsatisfactory, then HMU TELETEK must be relocated. After relocation perform step f again.

i. When the key switch is set to "On", all lights except "AC", "Alert" and "Busy" are disabled. Received transmissions will no longer beep.

To properly install your HMU TELETEK equipment, follow these instructions in the sequence in which they were presented;

Enter participant data;

- 2 hrs prior to hookup, fax the participant information from to the National Monitoring Center.

Install the equipment; A site audit of your participant's home must be performed before beginning the actual installation.

- Look for a central location that is not on top of or between TV's, micro ovens, refrigerators, stoves, or similar appliances. These appliances can impede or

block radio frequency signal from reaching the HMU TELETEK.

- Place the HMU TELETEK on a surface that is few feet off ground (such as a coffee table) and at least 12 inches from any wall. The HMU TELETEK must also be near a phone jack and an AC outlet.
- Plug the Home Monitoring unit. Be sure the outlet is not controlled by a wall switch, which could cause the power to be accidentally turned off. Notice that the AC light on the HMU TELETEK comes on.
- Plug the phone line from the HMU TELETEK into the wall phone jack.
- Insert the key into the key switch. Be sure that the key is in the OFF position.

Test the telephone and verifier

- Set the phone to tone or pulse depending on the participant's service.
- To test the telephone, pick up the handset and listen for a dial tone.
- While continuing to listen, depressing the button on the Transmitter.
- The dial tone should disappear for approximately 5 seconds.
- Return to the handset, and then place a call to insure that the phone is operating properly.

Do a walk test; Key in DIAG position

Walk the participant throughout the key areas of the home to insure that the HMU TELETEK can monitor effectively. The HMU TELETEK will beep every 35 seconds if the transmission signal is being received. If the transmitter is out of range, the unit will stop beeping and the "OUT OF RANGE" indicator on the HMU TELETEK will flash.

Turn the key switch to the ON position. The BUSY light will come on indicating that the unit is calling the events of the installation to the Monitoring Center. Remove the key from HMU TELETEK and take it with you. The key should be stored in a safe place at your Agency's office.

Confirm the big four

Wait five minutes after installation is completed, then call the National Monitoring Center to verify that the receiver is operating properly. The following BIG FOUR statues must have reported;

A	Tamper
B	No AC Power

C Tamper Reset

D AC Power Restored

Request a verifier test call

A. After confirming the BIG Four, request a verifier test call from the National Monitoring Center.

B. When the phone rings, let it ring twice and have the participant answer the phone and follow the computer's instructions exactly.

C. while the test call is in progress, be sure the participant depress the transmitter's button, and that he/she speaks clearly at all times.

Review participant's responsibilities

Review the participant's agreements while under the house arrest program so that he or she understands all of the requirements.

Transmitter specifications

Active Monitoring Technology; ASK , UHF radio band

Operating range ; 150 -200 feet

Operating environment; -20 °C to 70 °C

Storage environment; -20 °C to 70 °C

Power ; lithium battery, 1 year operating life, field replaceable

Operates in normal human indoor and outdoor environment.

Weight;

Dimension;63 x 39 x 19 mm

Sealed design up to 25 foot water depth

Receiver specifications

Size ; 120 x 32

Weight;

Back up battery for 24 hours of operation

120VAC power required

Operating environment; -0 °C to 70 °C

Storage environment; -20 °C to 70 °C

Alcohol Detection feature

Active monitoring by RF signal from transmitter