What can the DD700 Do

RF signal detector for 100HZ to 3.5 GHz

- Wireless CCTV (hidden camera)
- Wireless Phone line tap detection
- Laser taps detection and Laser tapping prevention using white noise generator.

The DD700 utilizes newly invented technology, to detect and prevent laser tapping.

Tapping detection on Multi line digital phones

Detection of Real-time automobile vehicle tracker by picking up cell phone signal

Use of internal speaker you can hear wireless open microphones so you can pinpoint the location of any voice tapping device.

When operating the DD700 each mode is easy to use because of the one touch-Button control system.

Locating of bugs, transmitters and hidden cameras is easy just watch the 10 level bar display for signal strength the closer you get the stronger the signal.

Directions of Use

1. Before using completely read User Manual
2. This product should not be used for other purposes then intended in this user manual.
3. Unit is not water resistant or water proof, please keeps away from extreme heat or humidity, do not drop this will damage unit.
4 If you tamper with the unit in any way you void the service warranty.
5. Do not touch the antenna to any electrostatic device i.e. transmitter or anything that emits electronic power this will enable the unit and void the warranty.
6. Please only use provided accessories
7. Warning please be aware of long term hearing loss for prolong use of loud noises.
8. This product requires use of 9V battery.
9. Do not bend antenna in any fashion

Descriptions of controls

1) **LED Display Function of 10 level Bar**
When searching for devices, the closer to the hidden camera or tapping device you get, the more effectively you can detect. The closer you are the higher the signal from the LED will display, the more accurate the position the easier to find and eliminate tapping device or hidden camera.

2) **Sensitivity Adjust Function**
After you calibrate your unit, you can adjust sensitivity this helps to pinpoint suspected objects you can receive signals up 6-12 feet from suspected device keep turning the sensitivity down to get closer and closer to suspected device

3) **Hearing Function**
Use of internal speaker you can hear wireless open microphones so you can pinpoint the location of any voice tapping device.

4) **Detection Function of Laser Tapping**
Detection of high-technological tapping device using laser.

5**) Detection Function of Phone-lined Tapping device**
This function is to detect tapping device installed on phones lines. With just one installation the DD700 will constantly monitor the phone line. Use of internal speaker you can hear wireless open microphones so you can pinpoint the location of any voice tapping device.

Name and function (see diagram)

1. **ANT (Antenna)**

This is to receive the signals of wireless tapping device and hidden camera.

2. **TEL**

When using as part of connecting phone line to check the existence of tapping device on the phone line, you can use it after removing its cover.

3. **NOISE ON / POWER**

This mode is to turn on and off the power of DD700. When the toggle switch direction points to "POWER" you are in the detection mode for wireless tapping device, hidden camera, laser tapping, when the switch is turned to "NOISE ON" then you will be in the laser tapping prevention mode. If you want to turn off the power, just flip the switch to the middle position.

4. **VR / GAIN**

When you are detecting wireless devices and hidden camera including volume control of internal speaker, you can use the ear phone the volume can be adjusted with Gain Adjust Function.

5. **DISPLAY**

When detecting the 10 leveled color LED will light up to show signal strength

6. **WARNING**

This mode is to display when you are close to suspected target

7. **RF DETECTION**

This mode is to display wireless signal detection of wireless tapping device and hidden camera.

8. **VOICE / TEL**

This mode is to display voice signal detection of wireless tapping device and hidden camera. In addition, it is used also as detection mode of phone tapping device installed on the phone line.

9. **LASER DETECTION**

This mode is to be used when detecting any device using laser.

10. **EAR**

This is the terminal to connect Ear Phone Jack.

11. **MODE**

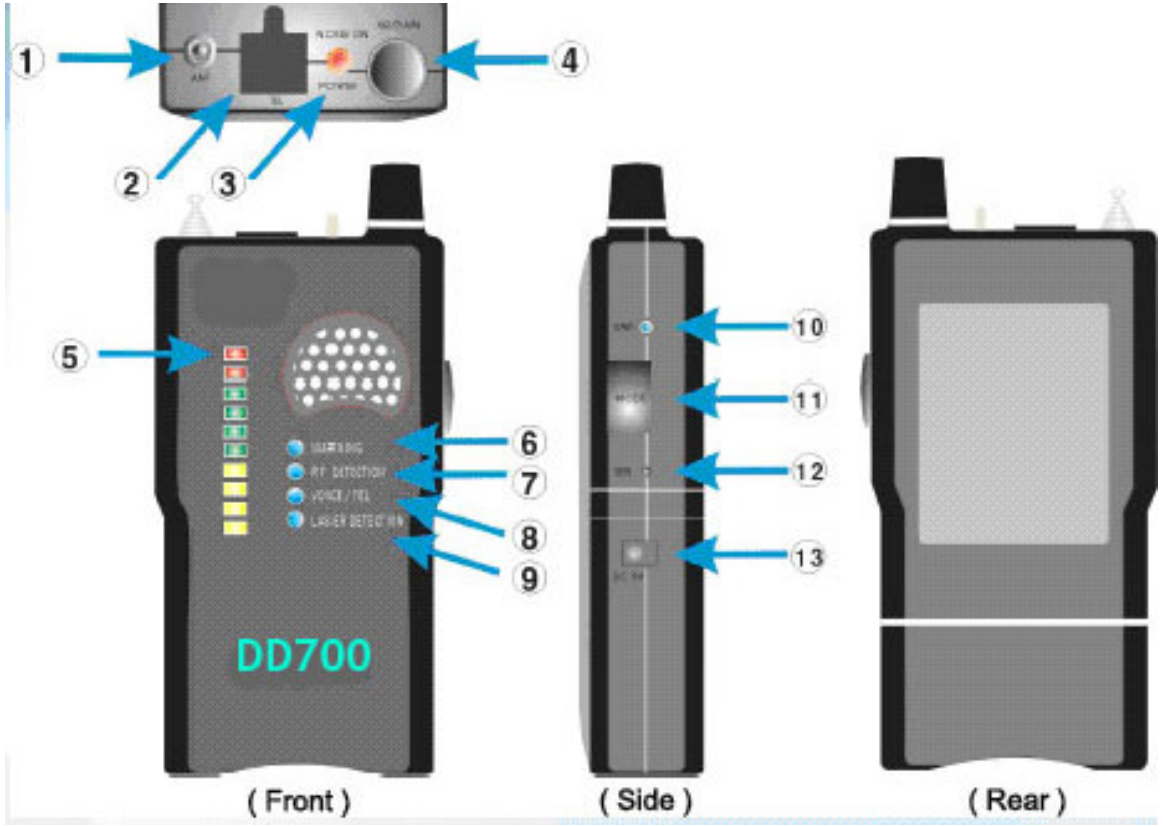
One-Touch button control, for switching between different functions.

12. **SEN**

This is used in detection mode and is the sensor for laser microphone signals.

13. **DC 9V**

This is the terminal to connect Power Adapter.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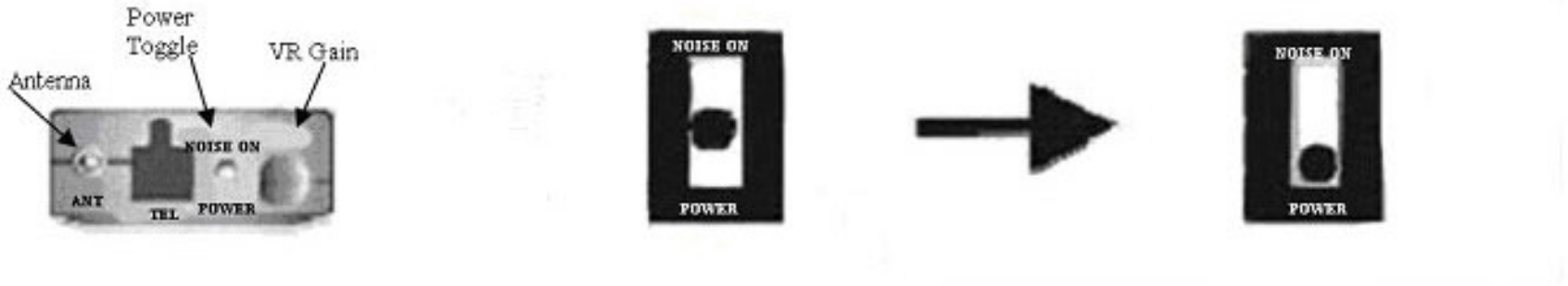
DD700
(Front)
(Side)
(Rear)

RF signal Detection (Wireless)

1. Pull out ANTENNA completely

2. Switch Power on by pushing toggle switch to the down position see below



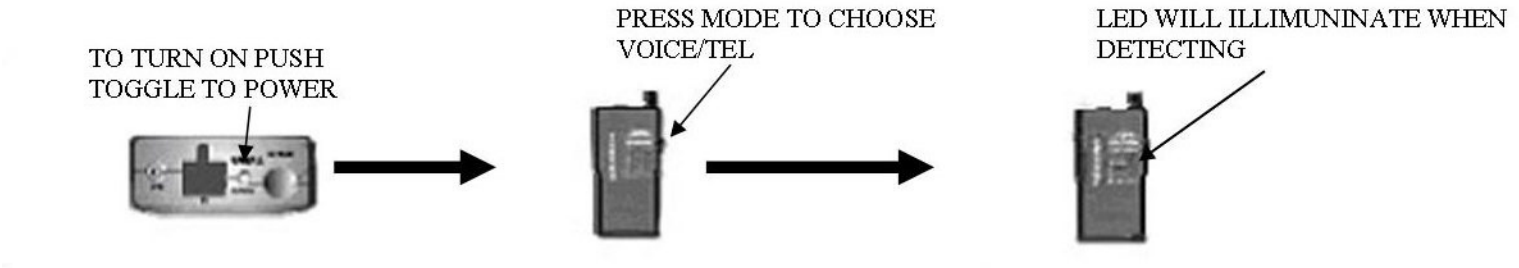
3. Press the mode button to turn unit on the (default is RF detection). You are now ready to adjust sensitivity.
4. To adjust sensitivity: Turn knob (VL/Gain) all the way clockwise then turn back counter clockwise until red LEDS go off.

Calibrate unit
Move to an area away from sweep area, Locate the VR/Gain knob. Turn knob clockwise as far as possible. Turn knob counter-clockwise until signal strength indicator bars go out. Unit is calibrated

To begin sweeping choose an area to be tested
Thoroughly cover area by moving unit across all walls and surfaces. Give special attention to any accessible ceilings, floors, power outlets, computer connections, and telephone jacks as these are likely places for hidden transmitters and bugs.
If alerted to an RF signal lower sensitivity buy turning the VR/Gain knob counterclockwise until LED goes out. Unit has now been recalibrated to lower sensitivity. Retest area where signal was detected.
Repeat until origin of RF signal can be pinpointed close enough for physical inspection. **DO NOT make contact between unit and bug or transmitter as internal damage will occur.**
Closely inspect pinpointed area for any audio or video transmission devices.

Real Time Tracking
When a wireless tapping device is detected you will be able to hear the voice signal (beep-beep-beep) through the DD700.

When detecting a cell phone type GPS Tracker on a vehicle you will hear only a slow beep-beep-beep sound.
If there is a fast beep-beep-beep sound this is not a correct sound therefore this will not be a cell phone tracker.
Start up your car when trying to detect devices on your vehicle. For best results we recommend doing a search in RF mode then a search in Voice/TEL mode with the earphone connected



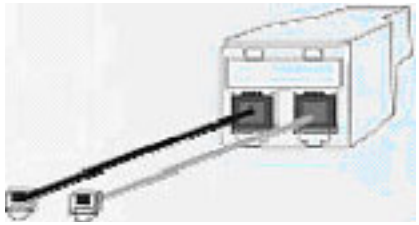
Telephone Tap Detecting

This detection is for detecting taps on analog single line phones only.
(See Multi line/digital tap detection section)

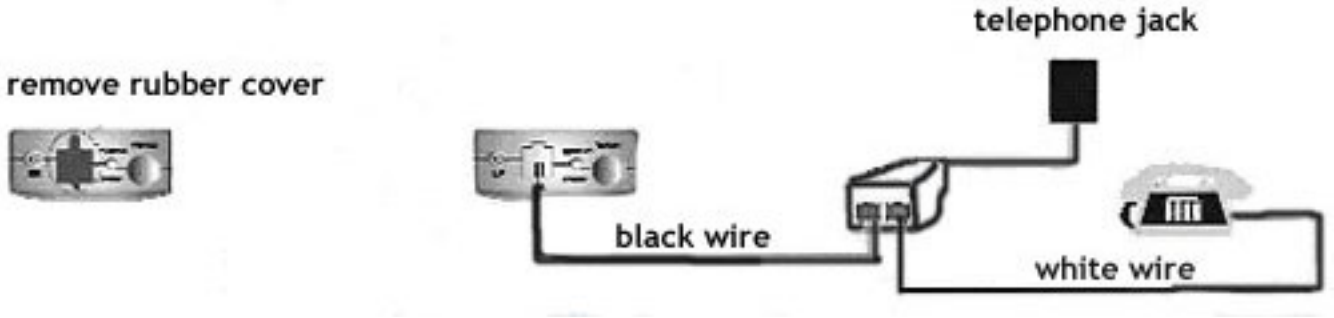
Only use the provided connectors for connecting the DD700 to your telephone

All tapping devices installed on your telephone line within 150 ft of the DD700 will be detected.

Connecting the DD700 to telephone line:
The telephone connecting jack is pre wired to connect the DD700 to your existing telephone and telephone jack. Do not remove or replace the black or white wire plugged into the telephone connectivity jack.

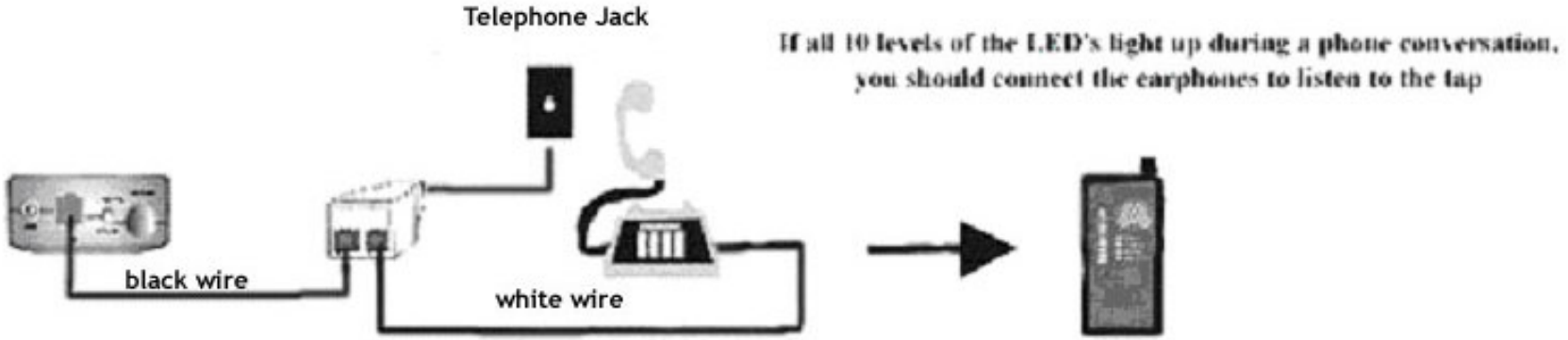


By removing or replacing the black or white wire it will cause the DD700 to function improperly.
Unplug the telephone line from your telephone and plug into the telephone connecting jack. Plug the white wire into your telephone. Remove the rubber cover marked TEL on the DD700 and plug the black wire into the DD700



Switch power on by pushing the toggle power switch down to the power position.

Press the mode button until the green LED is lit by the Voice / Telephone position.
If all 10 levels of the LED's are lit during a telephone conversation you should connect the ear phone to listen for the tap.



Multi Line Digital Telephone Line Tap Detection

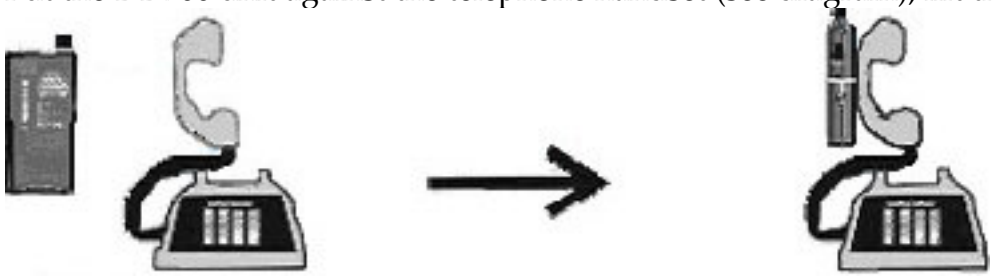
Tapping of a digital telephone line is very difficult. The most common method used is connecting a wireless transmitter into the handset of this type of phone system.

Pull antenna out completely

Switch power on by pushing toggle switch in the down position.

Press the Mode button until the green LED is lit by the Voice / Tel position

Put the DD700 unit against the telephone handset (see diagram), lift the DD700 and the handset together.



If there is a transmitter in the handset any sounds (pressing buttons, talking, etc) can be heard through the earphone connected to the DD700

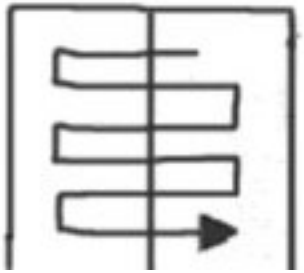
Laser Tapping Detection

Switch power on by pushing toggle to the down position.

Press the mode button until the white LED is lit by the "Laser Detection Position"

Put the sensor (see diagram below) toward the window and move the DD700 in a sweeping motion. Signals from the laser tapping device can be heard through the earpiece or speaker on the DD700.

Sensor is to be directed toward Window.



"sweep" window
Keep distance within 1 foot

The distance between the DD700 and the window should be within 1 foot, if necessary increase the volume to hear the signal better.

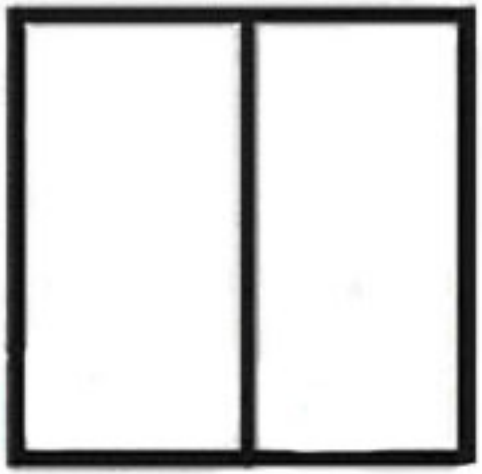
When the laser signal is detected you will hear a beep-beep signal sound
Note: You can test this function using a remote control.

Laser Tap Prevention

Switch power on by pushing the toggle button to the UP position.

You should hear the noise coming from the DD700
Place speaker as close as possible to the window you are protecting.

The DD700 should be placed as close to the window as possible.



Battery life in this mode is 8 to 10 continuous hours.
NOTE: If AC Adapter is necessary use only the adapter provided with this device

SPECIFICATIONS:

Detection of wireless tapping
- Sensibility: 20dB
- Frequency Range: 100Hz~3.5GHz

Laser Tapping Detection
- 360 degree Wavelength 850~1,050nm

Laser Tapping Protection
- Frequency Range : 250Hz~5KHz

Indication
- 10 step color LED

Power Supply
- 9 Volt battery (Detection mode 16 to 18 hours, Protection mode 8 to 10 hours when used continuously)
- AC Adapter