

# DRUID D-06

## Speech protection system

### (Protection of conversations against all kinds of eavesdropping)

DRUID D06 is a top-of-the-line protection system. This is the only device in the world which can give 100% protection to your conversations against interception or recording. The DRUID D-06 creates powerful interference against all kinds of listening devices! Even if a person is standing next to the participants, they will not be able to understand what is being said. The headsets allow the users to hear each other clearly while the DRUID's central unit produces interference. Powered from 220V or the internal rechargeable battery with a resource time of 4-6 hours. The unit is supplied in a carry case.

Not all listening devices can be detected by existing methods. The DRUID D-06 is a unique system for providing protection of human's speech. Remotely controlled radio microphones, wired microphones, passive resonators and miniature voice recorders; practically all these devices cannot be detected by conventional methods. Even a modern cellular phone may contain a digital voice recorder; this means that any phone lying on the desktop could be used by an adversary to record a conversation. Therefore it is extremely important to have a reliable device protecting private conversations, not depending on their level of importance. The concept of the DRUID D-06 is based on generating audio interference produced simultaneously with a human's speech. The volume of this interference is higher than a person's voice; therefore neither listening device nor recorder is able to pick it up. The generated audio interference cannot be cleared by any noise-clearance-methods. At the same time the produced interference does not create any inconvenience to the participants of the negotiation thanks to the special headsets. The DRUID headset allows users to hear each other with crystal clear quality.

#### Features

- Professional system for protecting speech between up to 6 persons
- Protects against all known methods of listening, including all types of radio microphones, stethoscopes, voice recorders, passive resonators, wired microphones, etc.
- The system uses usual multimedia headsets. 4 headsets PLANTRONICS AUDIO 355 are included in the standard set
- Absolutely harmless to your health: no microwave reflections or ultrahigh sound noise
- Compared to a white-noise generator the DRUID provides a much higher level of protection;
- The system is portable: supplied in a plastic carry-case it can be easily prepared for use;
- Powered from an internal rechargeable battery the DRUID D-06 can work for up to 6 hours without mains supply;
- The system can be used in any situation, it is especially valuable when conducting highly important negotiations in an unknown environment

#### Specification

Number of channels	6
Power source	Internal rechargeable battery NiMH 3700 mAh @ 8.4V or power adapter
Time of recharging	9 hours
Duration of work	4-6 hours
Dimensions	23x6.5x17 cm
Type of headset	Standard multimedia headsets with 2 jacks 3.5 mm
Weight of the unit	1740 g
Indications	BATTERY, CHARGE, levels of channels

#### Supplied set

- DRUID D06 unit – 1pc
- Power adapter 220V – 1 pc
- Headset Plantronics Audio 355 – 4 pcs
- Rubber foam mouthpiece – 12 pcs
- Carry case – 1 pcs

#### Usage

##### Power and recharging

When the DRUID D06 is used for the first time, it is necessary to use it with the power adapter to charge the internal battery. It will take approximately 9 hours for a full charging. The recharging process is indicated by the red CHARGE LED. When the battery is charged completely, the power controller automatically stops charging and the CHARGE LED becomes green. After this the DRUID D06 can be used without the power adapter.

The BATTERY bar graph shows the status of the internal battery and decreases when the battery becomes discharged. After the bar graph decreases by 2 segments the remaining working time will be about 30-60 min depending on the level of conversation activity. The total resource of the completely recharged battery is 4-6 hours depending on the number of headsets used and the participants' activity.

It is recommended to charge and discharge the battery completely 2-3 times to provide the best power resource in the future. In case the device is stored for a long time it is recommended to recharge it once each 6 months.

##### Headsets

It is recommended to use high-quality headsets manufactured by well-known producers. Low quality headsets may cause a loopback effect at great distances from the unit. These are beeping or whistling sounds going from the unit's speakers.

Note: it is normal when a loopback effect appears when the headset's microphone is in close proximity to the DRUID D06 unit (10-20 cm). This is not a usually a problem since in normal situations the headsets will be used at least 50 cm from the device.

It is recommended to use the Plantronics Audio 355 or Audio 345 headsets. You are welcome to try any other model of multimedia headset, making sure that there is no loopback effect with the particular model before operation.

12 foam rubber mouthpieces (covers) are supplied in the standard set. It is recommended to put the mouthpiece on the headset's microphone for two reasons:

- It will make the sound your voice softer in the headphones of your interlocutors (cuts out whistling sounds)
- It will help to prevent lip reading in cases where there is, or could be, video surveillance in operation.

#### Usage

Connect the headsets to the corresponding sockets of the DRUID D06's back panel. Do not mix the jacks – 'microphone' and 'headphone' should be connected to the proper sockets according to the labels on the back panel.

There are 6 pairs of sockets and the DRUID D06 can work with the 6 headsets simultaneously, i.e. up to 6 persons can take part in a conversation.

#### Conversations

1. Distribute the headsets among the participants and connect the headsets to the DRUID D06. Place the headsets at a distance not closer than 50 cm to the unit
2. Let the participants put on the headsets
3. Turn on the DRUID D06 by pressing the ON button. Check the battery status and, if necessary, connect the power adapter.
4. Ask each participant to speak or check yourself that each headset is working properly. Watch the indicator on the front panel to see if the headset is working well. The

corresponding channel will show a changing level synchronously with speaking.

5. The DRUID D06 is ready for usage.

Make sure that the headset's microphone is as close to the mouth as possible. This will provide better listening for your interlocutors and additionally will protect you from lip reading in cases where there is hidden video surveillance

6. To avoid a loopback effect:
  - during conversations do not approach the unit too closely
  - If the headset is not put on, switch off its microphone or disconnect it from the unit
7. During conversations watch the BATTERY bar graph to be aware of how long the battery will last. If necessary connect the power adapter

### Pairing two DRUID D06

The current version allows the owner to pair two DRUID D06s to provide speaking facility for up to 12 people. Use the supplied cable "3.5 mm – to - 3.5 mm" for connecting the same AUX sockets of the devices. Connect the required number of headsets to the sockets on both of the units and conduct the conversation as prescribed above. It is also possible to use 3 DRUID D06 together. In order to do this you will need an audio splitter to be connected to one of the DRUID's AUX socket. Its two output sockets should be connected to the other DRUIDs with the supplied cables. Please note: The splitter is not supplied in the standard set.

### Bugging

The DRUID D06 system provides protection of conversations against all kind of listening, not depending on the existence of eavesdropping devices in the area. But we recommend you use additional searching and detecting equipment to be informed as to whether there is 'bugging' being performed. Such information is important as it may help you to change your behavioral activity in the future.