



HEARS Adapter

Hand-held Electronic Audio Radio Interface System (HEARS)

The iGov HEARS™ adapter provides radio transmission recording and playback for training, debriefing, or reconstructing mission events.

Pairs with the Hindsight-Civ™ Android standalone app for collection and playback. Collected audio can be merged with video and ATAK or other BMS data and played back as a single stream with timestamps.

Hindsight-Civ™ was developed to enable event-based tagging, multi-source audio archiving, POV video capturing, and user interface utilization tracking by supporting on-demand, mobile mission recording and debriefing capability.

Wirelessly connects with any ATAK End User Device (EUD) via Bluetooth. Other secure wireless and cabled options will soon be available.

Rugged, low-profile adapter powered by the radio or internal battery. Integrates with standard NATO 5-pin or 6-pin (U-283) audio port and fits in-line between the radio and PTT.



Available on the NASA SEWP Contract Vehicle

Contact tacticalcomms@igov.com for more information



iGov HEARS™ Adapter Technical Data

Bluetooth wireless radio-headset transmitter line adapter designed for tactical radios. Fully qualified single chip Bluetooth system that is easy to install and use. Insert in-line between the radio and PTT, and push the red button for device pairing and transmission.



HEARS™ Adapter with
U-283 connector

Control and Indicators:

Push button used to power on/off and pair with phone. Blue/red LED for pairing and operating modes. Amber LED for low battery and charging status

Enclosure:

- Oil Resistant Nylon 12
- Weight: 2.4 Ounces

Connectors:

- NATO 5-pin and 6-pin Audio
- Mates with radio [U-283] & headset [U-328] Connectors

Bluetooth Specifications:

- Version 5.1 Core, no EDR or HS included
- Basic Data Rate Core Configuration
- Headset Protocol Version 1.2
- Hands Free Protocol Version 1.5
- Secure Simple Pairing
- Power: 3TS3-0220mW typical
- Rx Sensitivity: 92 dBm
- Frequencies: 2.402 - 2.480GHz

Environmental Specifications:

- Storage Temperature: -20C to +25C
- Operating Temperature: -20C to +60C
- Humidity: 95% Non-condensing
- IP67/NEMA 6 [Dust and Water]

As a US Government licensed product, the Hindsight-Civ™ Android application is only available from iGov Technologies. Please email tacticalcomms@igov.com for details.