



This device generates audio tones confirming Camera status when connected to the AUX socket of gentWIRE-redPRO. Typically this audio can be relayed to the camera operator on the unused audio channel of the video downlink.

Basic Operation

Connect the 3pin servo-type connector to AUX on gentWIRE-redPRO.

The three output pins on the gentWIRE-lancAUDIO unit are as follows:
 ⊥ common or ground.

R: REC output, Simple logic signal, low for standby, high for recording

A: 250mV Audio output, suitable for connecting to a line input.

6 different signals can be sent, and they are repeated every 4 seconds so there is always feedback to the Camera operator:

STANDBY – ding-dong. Camcorder is operating and ready to record on command via gentWIRE.



RECORD – long ding. Camcorder is recording. Normally standby or record audio signals are sent.



LOW MEMORY (or tape low/end) – low & long ding-dong. Sent in addition to standby or record.



LOW BATTERY – double descending 4 note ripple. Sent in addition to standby or record.



camera ERROR – 4 short dings. Camera not communicating with gentWIRE-redPRO



gentWIRE ERROR – 8 short dings. All communication lost (e.g. cable or power).



NO SOUND – The system is designed to reassure operators by making a signal every 4 seconds. No sound means there is a problem!

The unit has 2 built-in red LED indicators

1. REC Status lamp, illuminates when the camcorder is recording.
2. Audio Status lamp, flashes in time with the audio output.

Specification

Supply Voltage	3 to 5.5V. Operation is not guaranteed <3V). (absolute maximum voltage, 6.5V)
Supply Current	10-20mA depending on LED status
Input Pulses	The plug looks like a servo connection – it isn't! Only connect this unit to the AUX port of gentWIRE-redPRO.
Weight	3.5 grams including 250mm wires & connector.



This device gives visual indication of Camera status when connected to the AUX socket of gentWIRE-redPRO. Typically the LED gives the camera operator pre-flight and in-flight feedback on camera status.

Connect the 3pin servo type connector to AUX on the gentWIRE-redPRO.

4 different LED signals can be sent:

STANDBY – LED off. A very brief heartbeat every 1second gives feedback the system is working,

RECORD – LED on permanently,

LOW MEMORY or **LOW BATTERY** – slow flashing LED,

ERROR –Bursts of 4 fast flashing LEDs: camera not communicating with gentWIRE-redPRO. constant fast flashing LED: all communication lost.

NO LED – The system is designed to reassure operators by lighting the LED. No signal means there is a problem!

Specification: Similar to gentWIRE-redAUDIO.