



## Model HB-3

### Overview:

The HB-3 contains its own microprocessor and software giving it intelligence and the ability to control multiple inputs and outputs. There are two distinct modes of operation. The first is the PC mode which is compatible with C-Soft and allows for the use of standard dispatcher quality accessories with the C-Soft application. The second mode is with IP1616 console. The HB-3 is housed in a steel enclosure making it a product that will stand up to time and abuse.

### Standard connections include:

**Desk mic Input:** The Desk mic input is a PC Mode only function allowing a desk mic to be used with C-Soft rather than a computer audio microphone.

**Footswitch Inputs:** Separate footswitch inputs are available for each headset as well as the desk mic.

**Headset On/Off Switch:** Tells the HB-3 whether the dispatcher wishes to use the HB-3 headset or not. When turned off, audio is routed to desktop speakers rather than the headset.

**Desk mic Input:** The Desk mic input is a PC Mode only function allowing a desk mic to be used with C-Soft rather than a computer audio microphone.

**Telephone Interface:** For sharing the headset with a standard telephone a telephone interface with 600Ω input and output audio as well as an off-hook input is included. When the off-hook input senses off hook, all telephone audio is routed to the headset and mic audio to the telephone. Only if PTT is pressed is mic audio routed to the radio console.

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## Radio over IP Advanced Headset Interface

- 2-Steered Headset inputs
- Deskmic Input
- Footswitch Inputs
- Telephone Interface
- Relay Outputs

**Relay Outputs:** Two dry-contact relay closures are available for control in the C-Soft.

**Diode Blocked Inputs:** Two diode blocked inputs are available for C-Soft to use to update the screen upon external event changes.

**Console Connection:** This jack connects to the handset jack of the Vega consoles.

**Serial Port:** All events, such as PTT, are relayed to C-Soft via a standard RS-232 port. The RS-232 port is only active in PC Mode.

**Power Connection:** 2.5 mm power jack. Unit includes power supply rated 12V 100 mA.

**Speaker in from PC:** This 1/8" stereo jack connects to the PC's speaker out jack.

**Mic out to PC:** This 1/8" stereo jack connects to the PC's mic jack.

**Speaker Out:** This 1/8" stereo jack is connected to the desktop amplified speakers (purchased separately). When in PC Mode and the headset is on, the HB-3 will interrupt Select audio (left channel) to the desktop speakers.

Unselect audio (right channel) is passed through. When the headset is turned off, Select audio is connected to the desktop speaker. The headset speaker remains active in each mode.

**Mic Out:** This 1/8" stereo jack allows a standard computer audio microphone to be plugged in to the HB-3. All mic functions of the HB-3 are bypassed when this jack is used.

**Level Adjustments:** The HB-3 contains a number of level adjustment potentiometers which are accessed with the cover off. These adjustments allow for proper level settings to work with most standard PCs and consoles.

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