



MOUNTING AND WIRING OF PANEL MOUNT MODULE

Install the panel mount housing in a convenient location such that the cord will reach the aircraft audio and power wiring points you will be using. Avoid running the cable near wiring or equipment liable to radiate strong electromagnetic fields.

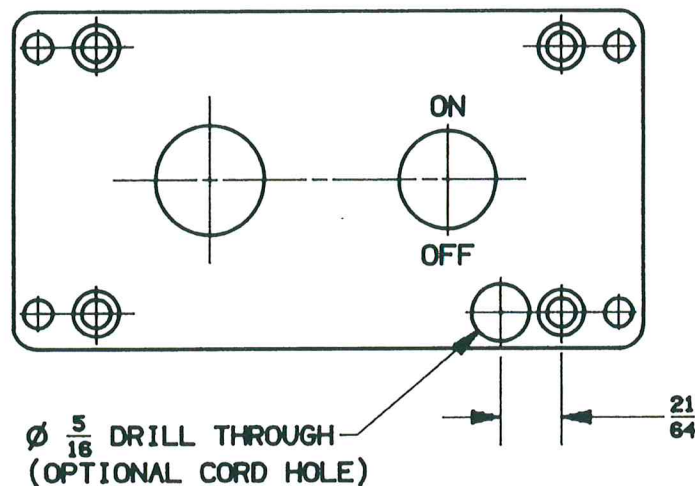
The ENC Power Control Module can be flush mounted through the panel of the aircraft. For this method place the Power Control Module on the desired location and trace an outline of the unit. Cut the panel to create a cavity for the Power Control Module. The four screws from the front cover plate of the Power Control Module must then be removed. Place the Adapter Plate on the front cover plate and reattach the four screws through both plates. Place the unit into the panel cavity and drill 4 each 5/32 clearance holes through the panel as determined by the location of the Adapter Plate mounting holes. Fasten the Adapter Plate to the panel using 4 each #6 screws.

The ENC Power Control Module can also be mounted directly onto the panel of the aircraft. For this method, a 5/16 diameter clearance hole must be drilled into the Adapter Plate (Ref. Fig. 1). The four screws from the rear cover plate of the Power Control Module must be removed. Pass the power cord through the newly drilled hole in the Adapter Plate and place the Adapter Plate on top of the rear cover plate. Reattach the four screws through both plates. Place the unit in desired location and drill 4 each 5/32 clearance holes through the panel as determined by the location of the Adapter Plate mounting holes. Fasten the Adapter Plate to the panel using 4 each #6 screws.

The ENC Power Control Module can also be bracket mounted. Place the bracket directly onto the desired mounting surface. Mark and drill two (2) 5/32 clearance holes through the mounting surface. Attach the bracket using two (2) #6 screws.

Position the Power Control Module into the bracket and attach the Module to the bracket using the two (2) #6 screws to each side of the Module.

ADAPTER PLATE (ACTUAL SIZE)



(OPTIONAL CORD HOLE)
FIGURE #1

WIRING INSTRUCTIONS

The headset and XP module are equipped for stereo operation where applicable.

Wire Color	Function
Yellow:	right earphone audio high (+)
Green:	left earphone audio high (+)
Black: Shield:	earphone low (-) Connect together shield for headset wiring
Red:	mic high (+)
White:	mic low (-)
Brown:	Ground; power supply negative (-)
Orange:	V+ power supply positive; (+) 12 or 24 volt electrical system or battery

Connect the yellow and green leads together for all monaural installations. Separate them if the installation is to be stereo. Connect each lead as appropriate to the headset audio outputs of the aircraft.

Connect the black lead and shield to the headset audio common (-) point. Do not connect the shield to aircraft ground because this may not be electrically equivalent to audio common.

Connect the red lead to microphone high (+) and the white lead to microphone low (-) points in aircraft audio system.

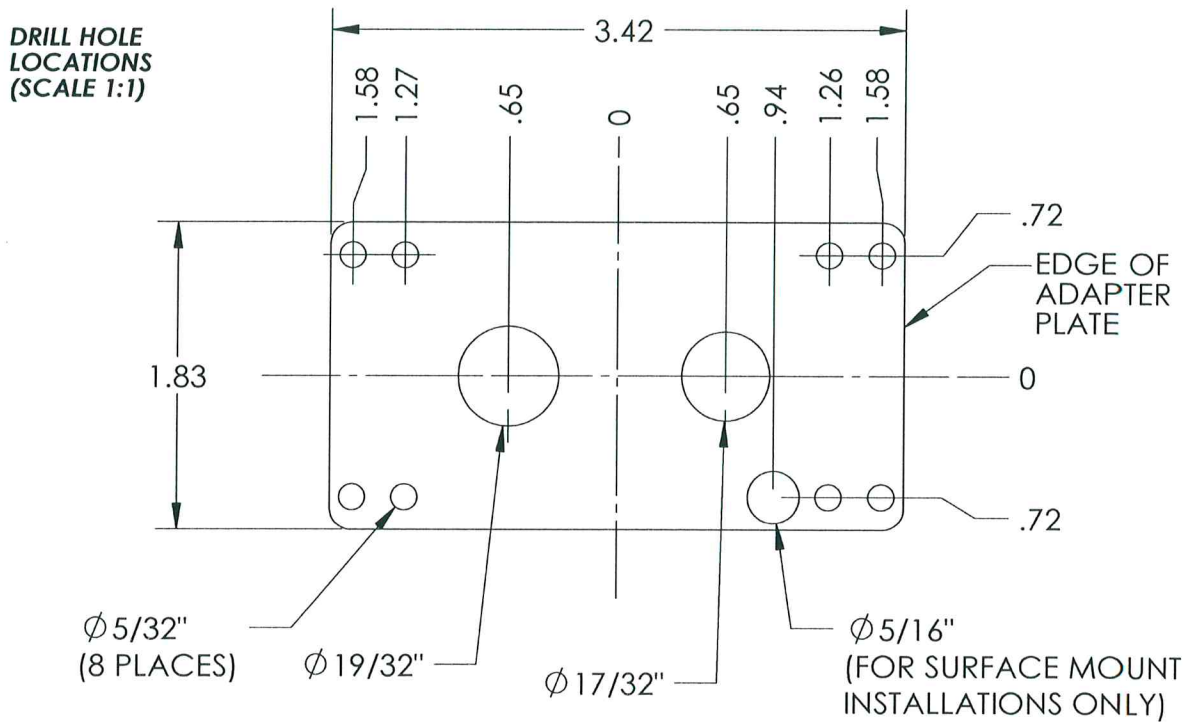
Remember not to connect microphones directly in parallel. You can parallel from existing mic jack only if that jack is not used while the XP module is being used.

Connect the brown lead to a power ground or the battery negative terminal.

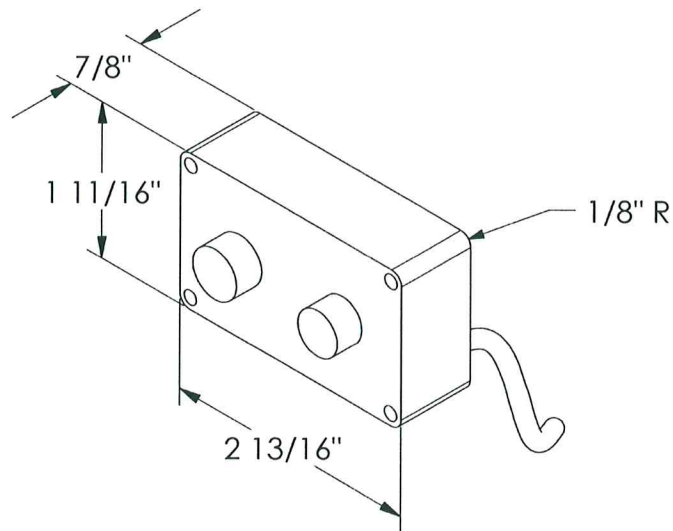
Connect orange lead to aircraft power (12–24V). Use a dedicated 1 amp circuit breaker or fast blow fuse in line with the positive lead as close to power source as possible.

ENC PANEL MOUNT MODULE

ADVANCED INSTALLATION DATA



ENC CONTROL MODULE (NO SCALE)



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FIGURE #2