



MAXSIM COMPONENTS

ADDITIONAL HARDWARE FOR SALE FOR THE MAXSIM SIMULATOR

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RNA MODULE



ABOUT

The RNA module simulates the Request and Acknowledge interface used to provide handshake between military air traffic controllers.

The user interface consists in 8 colored pushbuttons. Each pushbutton illumination is controlled by Adacel's MaxSim® ATC simulation.

COMPATIBILITY

The RNA module was designed for compatibility with MaxSim® ATC Simulators.

DIMENSIONS

4.0" W x 4.0" H x 6.6" D

101.6mm W x 101.6mm H x 167.6mm D

CONNECTORS

Simulation interface: RS-232 serial interface via DB9 Male connector
Power Connector: 2.1mm Barrel Plug (2.1x5.5)

POWER

Input: 12VDC, 800 mA

PRICE

\$1800



ISO 9001:2015 Certified
Appraised at CMMI Level 3 Capability

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LIGHT GUN



ABOUT

The simulated light gun is designed to emulate the light guns used in air traffic control towers. It is equipped with a Class IIIA red laser pointer activated by the push buttons to confirm proper aiming of the light gun. The user interface consists of illuminated green, red, and yellow push buttons.

COMPATIBILITY

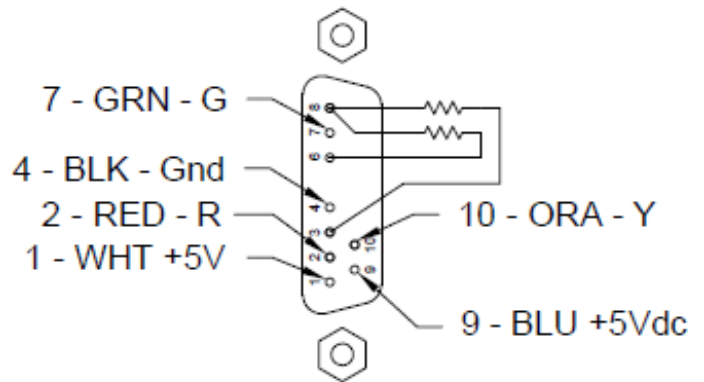
The simulated light gun is compatible with most game port-to-USB adapters.

CONNECTORS

Qty 1, 15 pins male D-Type connector compatible with standard Game Port interface, including signals and power, delivered with a detachable 6 meters (20 ft) cable. Custom cable lengths can be delivered to meet specific project installation requirements.

DIMENSIONS

57mm W x 315mm H x 83mm D



PRICE

\$2700



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ACU 625 AUDIO BOX



CONNECTORS

ATC Headsets (connectors are wired in parallel)

- Qty 2 PJ-7 (front panel)

ATC headset microphones are powered via Phantom 5 volts DC, through symmetrical pair of 62 ohms resistors

Footswitch (back panel): Qty 2 1/4" TRS connectors

USB (back panel): Qty 1 Type B connector

STATIC DISCHARGE IMMUNITY

Tested to verify tolerance to ESD by testing to at least IEC 61000-4-2

MOUNTING OPTIONS

Under table mount, surface and panel mounts

ABOUT

The ACU 625 is an ATC- grade headsets to USB Audio Interface used for the Voice Communication Systems (VCS). It is capable of simultaneously handling audio input and output channels for a student and an instructor.

The ACU 625 has a sampling rate of 48KHz with 16bits resolution.

COMPATIBILITY

The ACU 625 audio box was design for compatibility with the following

- Plantronics SHS line of ATC grade PTT (Push-To-Talk) units
- Walker PTS-K-6 carbon microphone handset
- Shure 104C carbon microphone hand microphone

DIMENSIONS

(Without mounting brackets):

8.5" W x 2.0" H x 3.6" D

216mm W x 51mm H x 92mm D

POWER

Input: 900 mW supplied via USB power

PRICE

\$750



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CRASH PHONE



ABOUT

The simulated crash phone is designed to emulate the crash phones used in air traffic control towers. It is designed to interface with Adacel's audio boxes via a DB-9M to DB9 -M cable.

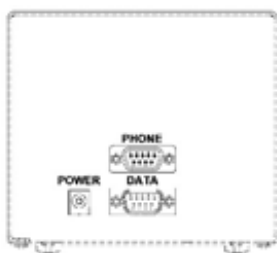
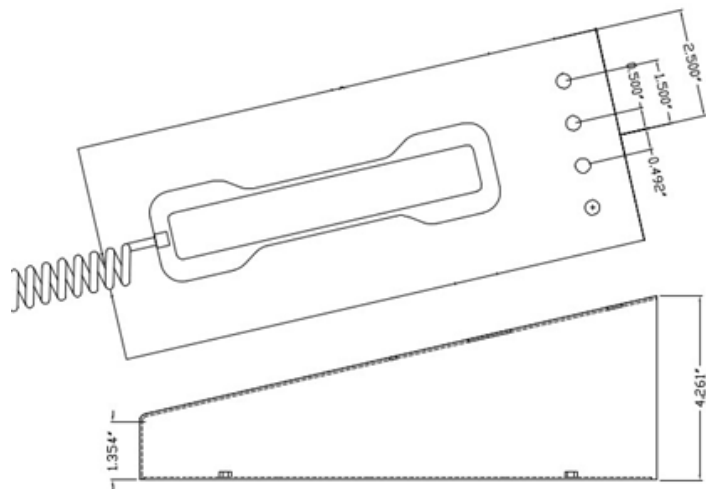
The handset is equipped with a button for push-to-talk functionality. When the headset is removed from the base, 4 red LED indicators will blink until their associated responder answers the emergency call. The responder associated to each LED is defined by the simulation scenario.

DIMENSIONS

Dimension (base): 127mm (5in) W x 381mm (12in) L x 108mm (4.261in) H

COMPATIBILITY

The crash phone is compatible with Adacel audio boxes.



CABLE & CONNECTOR

Qty 1, DB-9 Female connector for audio box interface, qty 1 DB-9 Female connector for handset connection, 2.5mm DC power input.

POWER

Input: 12 volt DC @ 850 mA

PRICE

\$2700



ISO 9001:2015 Certified
Appraised at CMMI Level 3 Capability

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