



AL-EAGLE

Atlas Learn Two Channel Infrared Dome Receiver



Application

The Atlas Learn AL-EAGLE is an infrared sound reinforcement solution designed for use in K-12 and higher education facilities or where a room constrained public address system is required.

- K-12 Classrooms
- Conference Rooms
- Lecture Halls

General Description

The Atlas Learn AL-EAGLE infrared receiver is a two channel infrared receiver that is designed to work with Atlas Learn wireless infrared microphones, AL-MAGPIE and AL-MYNA. The AL-EAGLE connects via RCA output to almost any local audio amplifier. This allows teachers and students to move freely around the classroom and project their voices through connected, installed speakers.

The AL-EAGLE also features a contact closure output that can be connected to a secondary system allowing the teacher to signal an emergency situation in the classroom using the "Panic" feature on the AL-MAGPIE or AL-MYNA wireless transmitters (in "teacher" mode only). For larger rooms, the AL-EAGLE has an F-pin style input connector that is designed to be used with a secondary infrared wireless dome, AL-IRDS, if needed. Volume controls for the two wireless transmitters are located on the side of the AL-EAGLE to properly set or adjust transmitter volume internally mixing the two channels for output to the amplifier. Three LEDs are located on the front of the unit and act as visual indicators for system power and connection. The Power LED will illuminate red when the AL-EAGLE is powered on, RF A will illuminate when a corresponding AL-MAGPIE or AL-MYNA is powered on and transmitting on the "A" channel, and RF B will illuminate when a corresponding AL-MAGPIE or AL-MYNA is powered on and transmitting on the "B" channel.

Specifications

Line Output Connector	RCA
Line Output Impedance	1k Ω
Line Output Voltage	1.3V
PSU Type	100V-240V In, 18VDC/1A Out
IR Input Impedance	75 Ω
IR Input Connector Type	F - Pin Connector
IR Frequencies	2.35mHz - 2.8mHz
Panic Output Contact Rating	5A @ 36V
LED Indicators	Power, RF A, RF B
Dimensions	
Height	7.75" (196.9mm)
Width	3.33" (84.6mm)
Depth	2.50" (63.5mm)
Weight	0.5 lbs (0.23kg)

Features

- Easily Integrates Into Any Existing Classroom Sound Reinforcement System
- Works with Both AL-MAGPIE and AL-MYNA Wireless Infrared Transmitters
- Interfaces with Secondary Systems to Provide Enhanced Classroom Security
- Supports 2 Separate Transmitters with Independent Level/Mix Controls
- Remote Antenna Input Allows for Connection of Second AL-IRDS Infrared Dome Sensor

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