

Dual-button IP endpoint for fast, flexible activation

The Algo 8212 IP Dual Button is a standalone IP button that connects directly to the network. Each button supports press and long-press actions, for four configurable actions total. It features configurable multi-color illuminated buttons, selectable faceplate labels, and optional protective covers.



CONNECT DIRECTLY TO THE NETWORK

As a standalone IP endpoint, the 8212 can be deployed wherever a network connection is available, providing independent device management, direct SIP registration, and device-level monitoring. The two buttons can be independently configured to initiate separate actions, often deployed as an operational call and an emergency alert. If either button is configured as a panic button, the Algo Device Management Platform (ADMP) can provide centralized visibility into device status, connectivity, and operational readiness.

CONFIRM STATUS WITH MULTI-COLOR ILLUMINATION

Configurable multi-color illumination and flash patterns show that the buttons are operational and confirm when a press has been detected. Visual feedback helps users identify the button state and understand when a communication or alert workflow has been initiated.

IDENTIFY AND PROTECT THE BUTTON

The 8212 features two independently configurable buttons that can initiate separate actions, making it suitable for everyday alerts and emergency response workflows. Selectable faceplate labels support clear identification by location, workflow, language, or response type, while optional protective covers help prevent unintentional button presses.

KEY FEATURES

- PoE powered
- Two configurable buttons
- Multi-color illuminated buttons
- Selectable faceplate labels
- Optional protective covers
- SIP-compliant, multicast-capable, with API support
- ADMP compatibility

SPECIFICATIONS	
POWER	PoE (IEEE 802.3af Class 0) 48 V, 15.4 W
SIP	
SIP EXTENSIONS	One SIP extension (for outbound SIP calls with pre-recorded audio)
SIP SIGNALLING/ TRANSPORT PROTOCOLS	UDP, TCP, RTP
SECURITY	TLS, SRTP, Mutual Authentication
AUDIO CODECS	G.711 u-law, G.711 A-law, G.722 wideband
MULTICAST	
RTP MULTICAST	Send 50 Zones (with pre-recorded audio)
AUDIO CODECS	G.711 u-law, G.711 A-law, G.722 wideband, Opus Fullband, L16
COMPATIBILITY	• RESTful API • Poly Group Page • InformaCast • Microsoft Teams
CONFIGURATION & PROVISIONING	
CONFIGURATION	Web interface or provisioning server
WEB INTERFACE	HTTP, HTTPS
PROVISIONING	• TFTP, FTP, HTTP, HTTPS • DHCP Options 66, 150, 160 • Reboot via SIP 'check-sync'
ZTP	Supported
SUPERVISION	Compatible with Algo Device Management Platform (ADMP), Algo 8300 IP Controller, any third-party SNMP monitoring software, and RTCP
NETWORKING	
NETWORKING	IPv4, IPv6, DHCP, VLAN, MDNS
LINK LAYER	LLDP, CDP
SECURITY	IEEE 802.1X
QOS	DSCP
NAT	STUN, TURN, CRLF Keep Alive, SIP Outbound
ADDRESS RESOLUTION	DNS, SRV Record
REDUNDANCY	Secondary and tertiary SIP server
TIME	NTP Server (up to four)
MEMORY AND FORMAT	1 GB audio storage for WAV or MP3 files
ENVIRONMENTAL & MECHANICAL	
BUTTON RING ILLUMINATION	Configurable LED ring with 4 colors (Blue, Red, Green, Amber), 4 flash patterns, 3 brightness levels
ENVIRONMENTAL	+32 to +104 deg F (0 to +40 deg C); 10-95% RH non-condensing. Dry indoor locations only
DIMENSIONS (PRODUCT)	2.8" x 1.4" x 4.5" (7.0 cm x 3.5 cm x 11.4 cm)
WEIGHT (PRODUCT)	0.17 lbs (76 g)
WEIGHT (SHIP)	0.30 lbs (134 g)
MOUNTING	• Flush mounting or wall surface mounting • Single-gang electrical box or low-voltage bracket

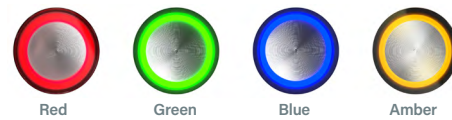
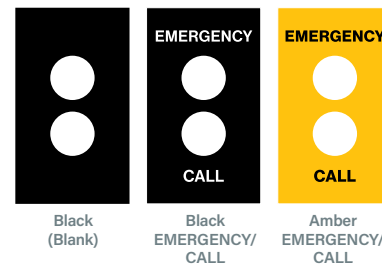
FRONT VIEW



BACK VIEW



CONFIGURABLE LED RING COLORS X4

SELECTABLE FACEPLATE LABELS X3 (INCLUDED)
LABEL TEMPLATES AVAILABLE UPON REQUEST

ORDERING CODES:

8212 IP Dual Button

