Enable Loud Ringing, Notification & Visual Alerting without a SIP Registration

The 2507 Ring Detector is designed to enable loud ringing, notification and visual alerting directly from a compatible IP phone. The Ring Detector can detect when the phone is ringing and activate an Algo device with a smart relay input, such as a speaker or strobe light.

Once the 2507 Ring Detector has activated one Algo IP device, the IP device may activate Algo devices via an available relay or it may simultaneously multicast to other Algo IP endpoints on the network creating a scalable notification system directly from a single IP phone.

An additional benefit of the 2507 is that it does not require an additional registration on the cloud / hosted UC syste to function, thereby avoiding a recurring monthly cost.

Ideal For Microsoft Teams Environments

As MS Teams is one of the few platforms that does not natively support SIP without additional equipment many organizations deploying MS Teams may run into unexpected challenges when looking for loud ringing or visual alerting solutions. Fortunately, organizations deploying Poly and Yealink phones may take advantage of the Algo 2507 Ring Detector in conjunction with an Algo speaker or strobe light to improve notification without needing a SIP registration.

Note: Algo devices must be on firmware 4.1 or above.

Compatible Algo IP Endpoints
• 8128 SIP Strobe Light
• 8138 SIP Multicolored Visual Alerter
• 8180 SIP Audio Alerter
• 8186 SIP Horn Speaker
• 8188 SIP Ceiling Speaker
• 8189 SIP Surface Mount Speaker
• 8198 IP PoE+ Ceiling Speaker
• 8196 IP PoE+ Horn Speaker
• 8301 Paging Adaptor & Scheduler

Compatible IP Phones
• Poly (VVX series, CCX series)
• Yealink (T55A, T56A, T58A, MP54, MP56, MP58)

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ALGO
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Specifications

Power:	Power is supplied by the host Algo IP Endpoint

Connections

Telephone Headset:	RJ9 4P4C jack (6' 2m handset cord included)
Host Algo IP Endpoint:	Two position terminal block (20' 6m UTP cable included) Polarity independent connection
Maximum Cable Length:	Headset cable - 6' 2m recommended 12' 4m maximum Twisted pair connection to IP endpoint - 100' 30m maximum 24 AWG

Audio Ring Detection

Input impedance:	600 Ohm, balanced and transformer isolated
Detection Sensitivity:	25 mVrms - 500 mVrms (adjustable)
Maximum Input Voltage:	1.0 Vrms
LED:	Active blue when ring audio exceeds detection sensitivity

Environmental & Mechanical

Housing:	Plastic 94V0 rated
Environmental:	32 to 104 deg F (0 to + 40 degC); 10-95% RH non-condensing. Dry indoor locations only
Mounting:	Optional - single mounting screw provided
Dimensions:	8.5" x 5.5" x 1.5"
Shipping Weight:	1 lb

Compatibility

Telephones:	• Poly (VVX series, CCX series) • Yealink (T55A, T56A, T58A, MP54, MP56, MP58)
Algo IP Endpoints	8128, 8138, 8180, 8186, 8188, 8189, 8196, 8198, 8301

Compliance

CE, RoHS 3, REACH

Order Codes:
2507   Ring Detector

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