

2055 INTERCOM PUSH-FOR-HELP

BENEFITS

- Hi-Fidelity 25V Speaker
- Large "HELP" Button
- LED Confirmation Light
- Easy to Install
- Easy to Operate
- 1/4" Cord Jack

The Tech Works **2055** is a Hi-Fidelity Speaker Station in a semi-flush ABS plastic enclosure for durable audio and visual emergency signaling. A 1/4" phone jack, to be used with cord sets sold separately or a large push-for-"HELP" button is provided with the Station. An integral call confirmation LED tells the user that a call-for-help has been sent. This is a passive speaker button and light assembly designed for use with Intelligent *Voice-Call* Substations listed.

Design Information

Speaker – 100 Ohm 2 Watt
12 VDC - @ 0 mA Minimum / 3 mA Max
Dimensions - 4.625" W, 4.5" H, 1.25" D
Standard 2-Gang Electrical Box Mounting
Wiring is Three Twisted Pair Cable-22 Awg Max
(1 for Audio, 1 for Data, 1 for Central Power)

Associated Equipment

2021	Intercom Speaker Station w/Call-In Switch
2052	Intercom Speaker Station w/Pull Cord and Cancel Button
2590	Telephone Interface Master w/Caller I.D.
5234-*	Corridor Light w/4 Red Ultra Bright LED's
5228	Push Button Cord Set w/Phone Plug

Architects' and Engineers' Specifications

The Voice Communication Intercom Push-for-Help Speaker Station shall be a standard two gang electrical box mounting device constructed of ABS plastic. A 25-Volt Hi-Fidelity Speaker with power taps of 1/4 and 1/2 watt with a large 1.25" push button clearly labeled "HELP" shall be included with a 1/4" phone jack to allow remote push-for-help operation. A call confirmation light shall be included to indicate that a call has been placed. The push button Station shall be a passive electronic device requiring no more than 3 mA at 5 Volts DC for full operation.

The Voice Communication Intercom Push-for-Help Speaker Station shall be Tech Works Model 2055.

Tech Works™



"Making Specialized Communication Easy"

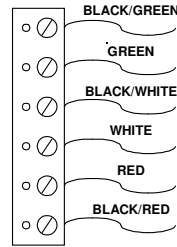
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Voice-Call Passive Device Wiring

Passive Device Screw Terminals

Some Intelligent Substations have screw terminals for connection of passive devices. The terminals labeled SW are normally open contact closure input. The terminals labeled LED + - provide 12 VDC current limited output to power external LED's (lights). Speaker connections are industry standard 25-Volt or 45 ohm. Passive stations are critical on switch polarity. If stations do not function, check polarity of wiring. All Tech Works Control is Active Low Enable.

- 6 - SPEAKER -
- 5 - SPEAKER +
- 4 - SW -
- 3 - SW +
- 2 - LED -
- 1 - LED +



EBY EB500-06

Many other passive button and light assemblies such as the **2021**, **2051**, and the **2052** are available for use with 2528 Intelligent Substations. Although these are specifically designed for *Tech Works* products they are compatible with a wide variety of industry standard normally open contacts and low voltage lights. Please contact the factory for specific applications not listed.

2528 High Power Substation can support up to 8 passive speaker stations each having its own call in switch and confirmation light. All connections for passive stations are provided on a 50-pin telephone type connector (Amphenol). A 25 pair telephone cable and a 66-style punch block are recommended for field terminations but not included (must be ordered separately).

