

DHI-HY-1801/DHI-HY-182X

Fire Emergency Evacuation Broadcast Panel



- Reduces output voltage for minor overloads and shuts off output for severe overloads
- Supports optional communication modules to interact with the linkage controller
- Intelligent programmable air-cooled cooling
- Fault detection for broadcast constant voltage output line, main power supply and standby power supply, and sound and light alarms when there is a fault
- It has four broadcast modes: EMER Radio (including two audio sources), MIC, U-disk, and AUX, in which one audio source for emergency broadcast can be imported via microphone/U-disk

System Overview

DHI-HY-1801 Fire Emergency Evacuation Broadcast Panel is composed of area control panel, audio source equipment, broadcasting power amplifier, forms a Fire Emergency Evacuation Broadcast Panel System with fire alarm panel, output modules, radio speaker and so on.

The loudspeaker is one of the components of the fire emergency broadcast system, serving as an on-site broadcasting and emergency broadcast device that can be used in conjunction with fire broadcast systems. In the event of an emergency, the fire broadcast system responds accordingly, and the loudspeaker performs the corresponding actions. This device can also be applied in other broadcast communication systems as a broadcasting equipment.

Scene

Large commercial buildings, industrial facilities, transportation hubs, data centers and communication hubs, flammable and explosive sites, public facilities, etc.

Technical Specification

DHI-HY-1801

Main Power Supply	AC220V/50Hz
Output Voltage	Fixed voltage output 120VAC
Rated Output Current and Power	2.92A/350W.
Recording Duration	30 min
Signal-to-noise Ratio	≥70dB
Dimensions	318 mm×245 mm×127 mm
Operating Temperature	0°C to +40°C
Operating Humidity	≤ 95% RH (no condensation)
Installation	Standing cabinet

DHI-HY-1820

Rated Power	3 W
Rated Voltage	AC 120V
Sensitivity	83±2db (1m, 1W)
Color	White

Dimensions	φ194 mm×H60 mm
Operating Temperature	0°C to +40°C
Operating Humidity	≤ 95% RH (no condensation)
Installation	Surface-mounted

DHI-HY-1821

Rated Power	3 W
Rated Voltage	AC 120V
Sensitivity	83±2db (1m, 1W)
Color	White
Dimensions	φ184 mm×H61.1 mm
Operating Temperature	0°C to +40°C
Operating Humidity	≤ 95% RH (no condensation)
Installation	Ceiling-mounted

DHI-HY-1822

Rated Power	3 W
Rated Voltage	AC 120V
Sensitivity	83±2db (1m, 1W)
Color	White
Dimensions	φ184 mm×H61.1 mm
Operating Temperature	0°C to +40°C
Operating Humidity	≤ 95% RH (no condensation)
Installation	Wall-mounted

Ordering Information		
Type	Model	Description
Fire Emergency Evacuation Broadcast Panel	DHI-HY-1801	Fire Emergency Evacuation Broadcast Panel
Ceiling-mounted Speaker	DHI-HY-1820	Surface-mounted Ceiling Speaker
Ceiling-mounted Speaker	DHI-HY-1821	Ceiling-mounted Speaker
Wall-mounted Speaker	DHI-HY-1822	Wall-mounted Speaker