

# ACM-582 Array Ceiling Microphone

Quick Guide

Online Manual



[www.relacart.com/downloads](http://www.relacart.com/downloads)

ACM-582\_

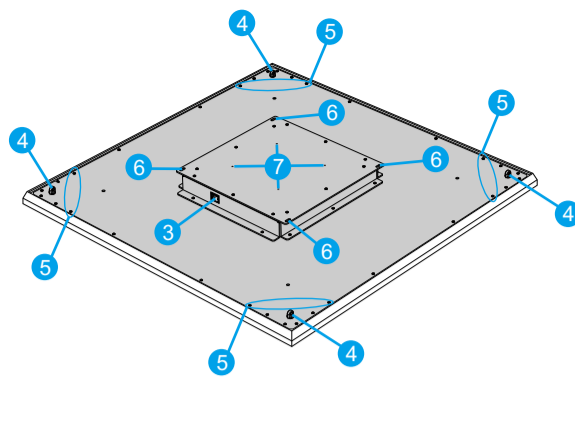
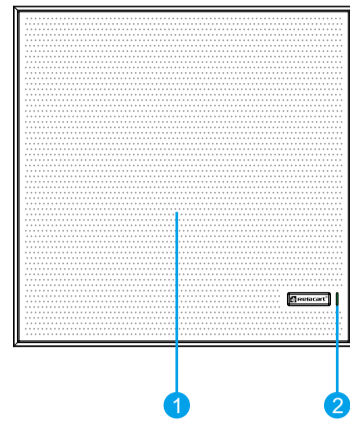


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Relacart Electronics Co., LTD.

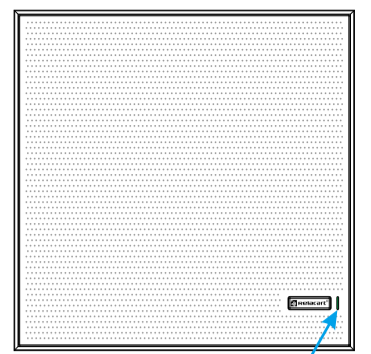
1302, South tower world trade centre complex,  
371-375 Huanshi Dong Road, Guangzhou  
[www.relacart.com](http://www.relacart.com)

## Product Overview



- 1 Microphone
- 2 Status light
- 3 RJ-45 Network Port (PoE/Dante)
- 4 Eyelet screws for suspension mounting (12 mm diameter)
- 5 Ceiling support mounting holes (388 mm spacing)
- 6 Safety tether attachment points
- 7 VESA mounting holes (100 mm spacing)

## Status LEDs

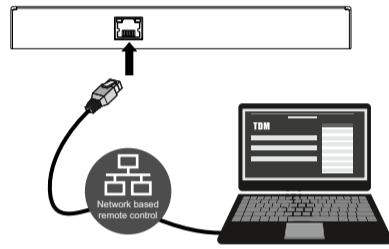


Speaking Status (Green) █  
Mute Status (Red) █

\* You can customize the color and behavior through TDM software

## Control

Network control via Relacart TDM software  
[www.relacart.com/tools-and-software](http://www.relacart.com/tools-and-software)



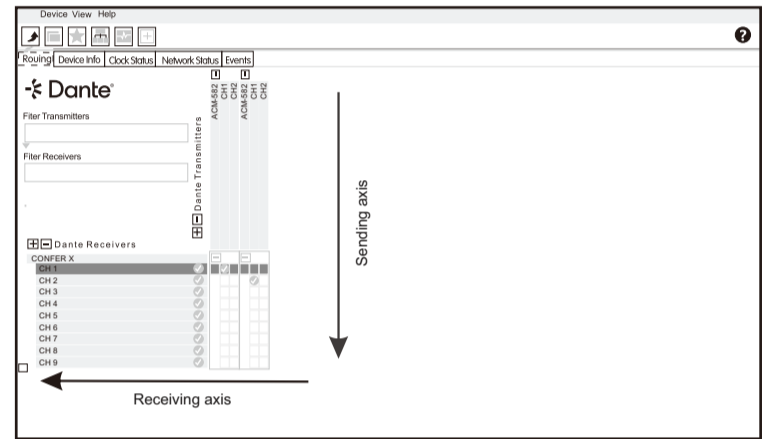
- 1 Connect
- 2 Download
- 3 Read Application Guide Manual
- 4 Control

## DANTE Software

[my.audinate.com/support/downloads](http://my.audinate.com/support/downloads)

Dante-controller\_

\* You need to log in to your Dante account to download, otherwise you cannot download this software.



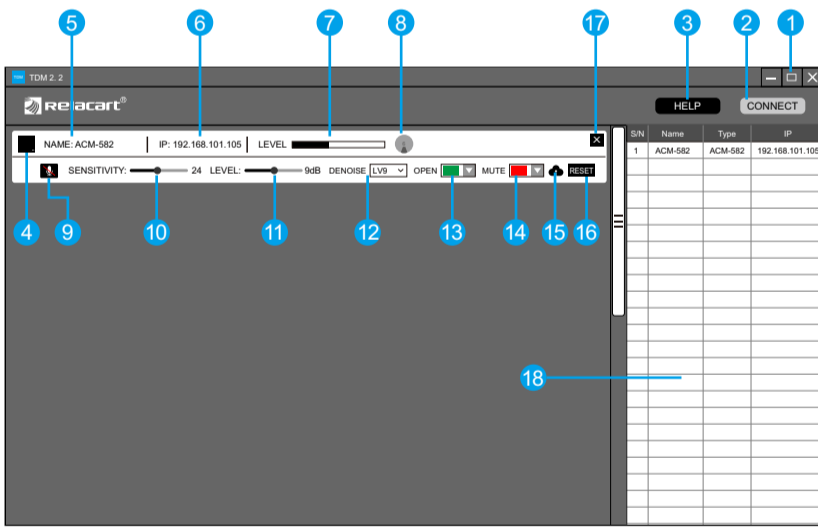
Note: Dante cannot operate in WiFi connected environment. We rely on reliable and secure wired network environment to transmit perfect audio.

## TDM Software

[www.relacart.com/tools-and-software](http://www.relacart.com/tools-and-software)

TDM\_

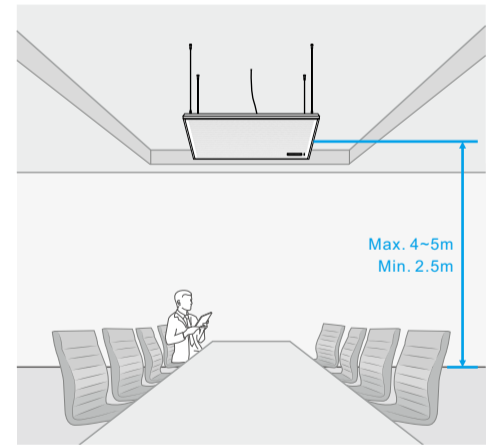
1. Download the software, Double-click the software icon to open the software.
2. Click on the **CONNECT** key at the top right of the software interface to connect.



- 1 TDM software window (Minimize/Enlarge/Close)
- 2 Device connect button
- 3 Device help button
- 4 Microphone outline
- 5 Microphone name
- 6 IP address
- 7 Microphone level status
- 8 Microphone pattern
- 9 Microphone mute switch
- 10 Microphone sensitivity control
- 11 Microphone main level gain
- 12 Noise reduction level setting
- 13 Microphone open state color custom selection
- 14 Microphone mute status color custom selection
- 15 Firmware Upgrade
- 16 Microphone to restore factory Settings
- 17 Close button of microphone function window
- 18 Microphones list

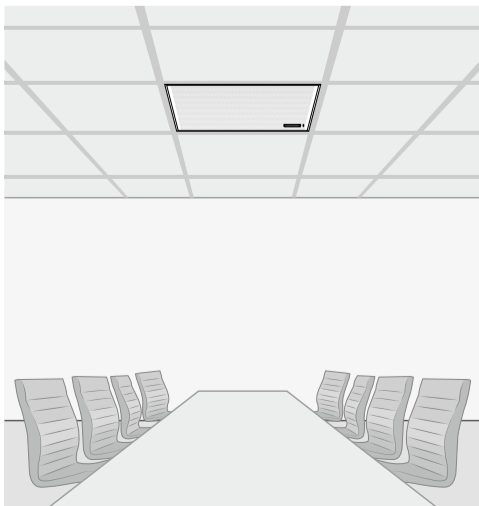
## Installation Height

- Observe the mounting specifications from the manufacturer.
- For most rooms, Relacart recommends 3 m (10 ft.) as the mounting height.
- Observe the following minimum and maximum distances when installing the ACM-582.

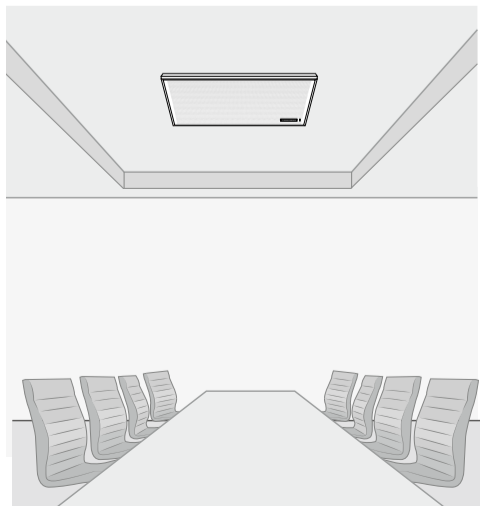


## Installation Options

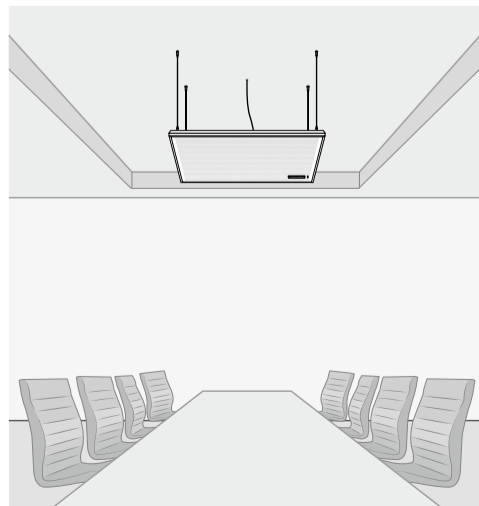
### Flush Mounted



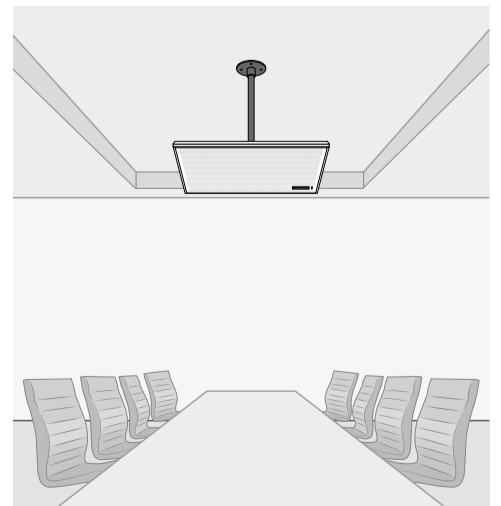
### Surface Mounted



### Suspended

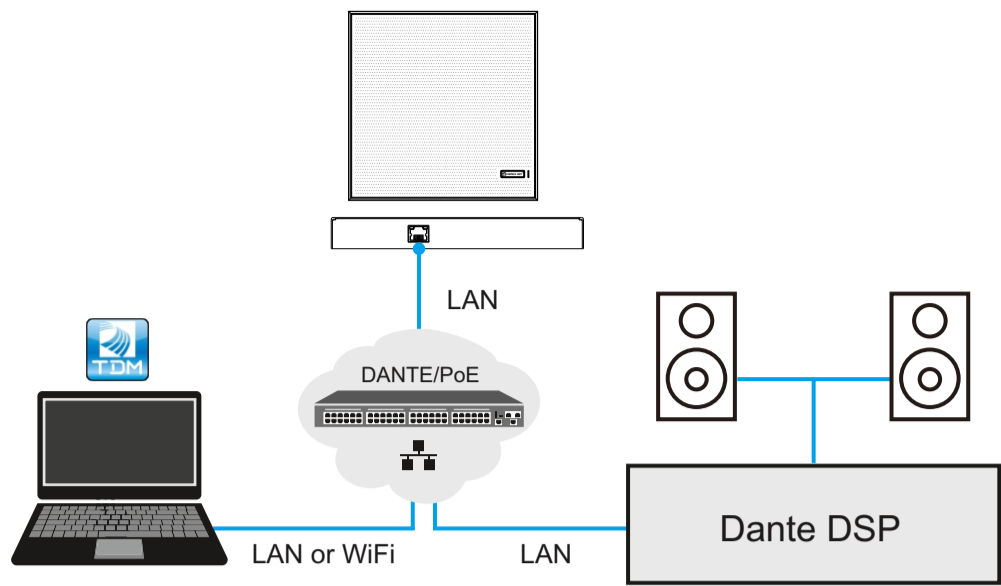


### VESA Mounted



\* Observe the mounting specifications from the manufacturer, When flush mounting, do not install the ACM-582 directly next to lights or other electrical devices in the ceiling.

### Control / PoE



### PoE Power Supply

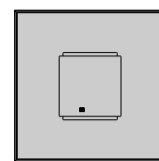
Host-PC:  
Control Cockpit Server  
& Control Cockpit Client



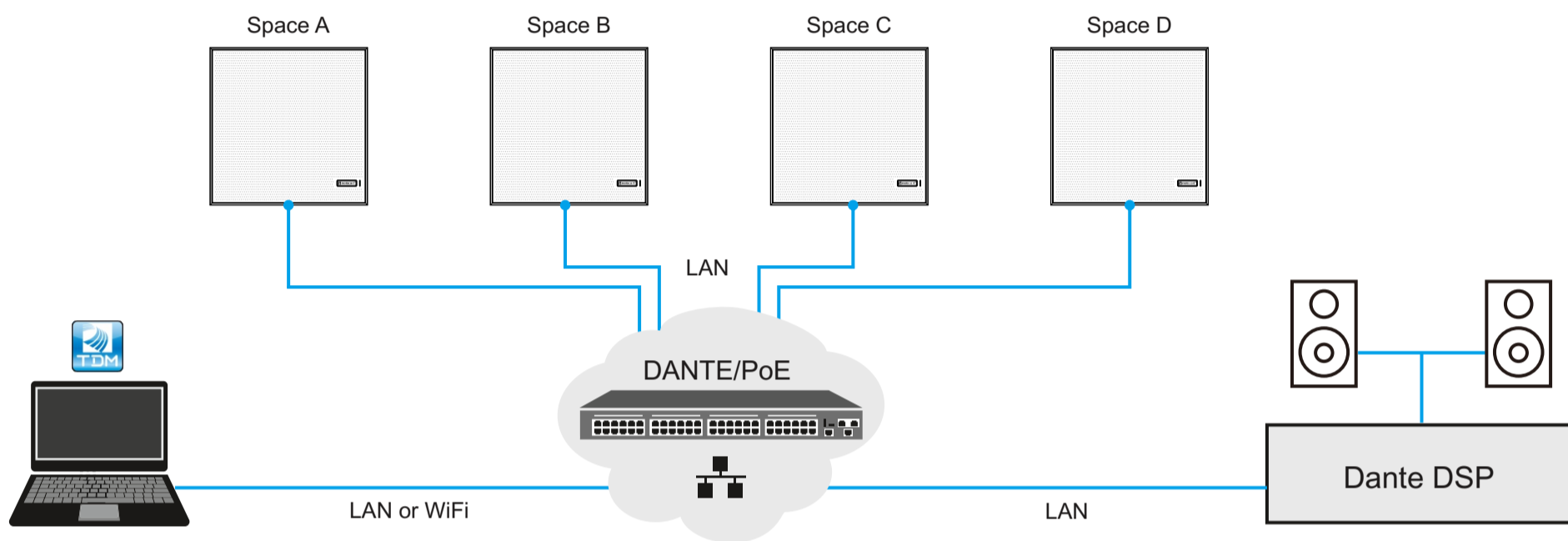
PoE Switch

PoE IEEE 802.3af Class 3 or  
PoE IEEE 802.3at / Type 2 /  
Class 4 (when cascaded)

ACM-582



### Connect Multiple ACM-582

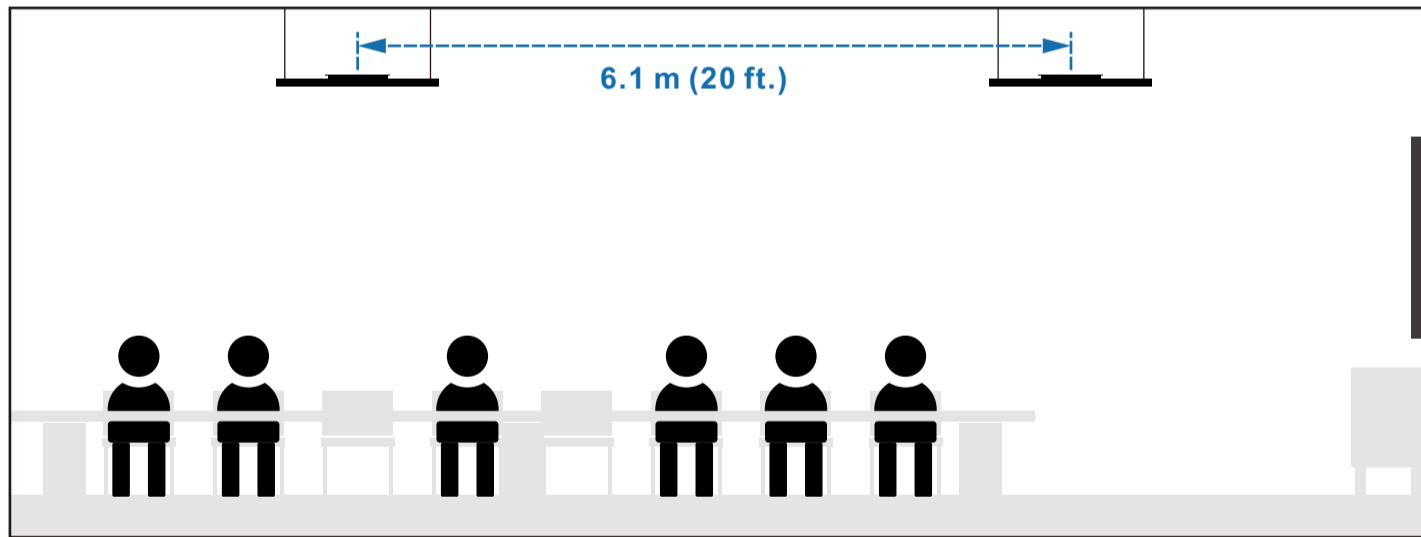


### Install Multiple ACM-582

Use 2 or more ACM-582 to cover a room larger than 6.1 x 6.1 m (20 x 20 ft.). Install one ACM-582 near the front of the room and the other near the middle of the room. It's OK if some of each device's full coverage area goes unused.

- Recommended space between ACM-582: 6.1 m (20 ft.). Best performance in this range.
- The size of the total coverage area depends on how close the 2 ACM-582 are to each other.

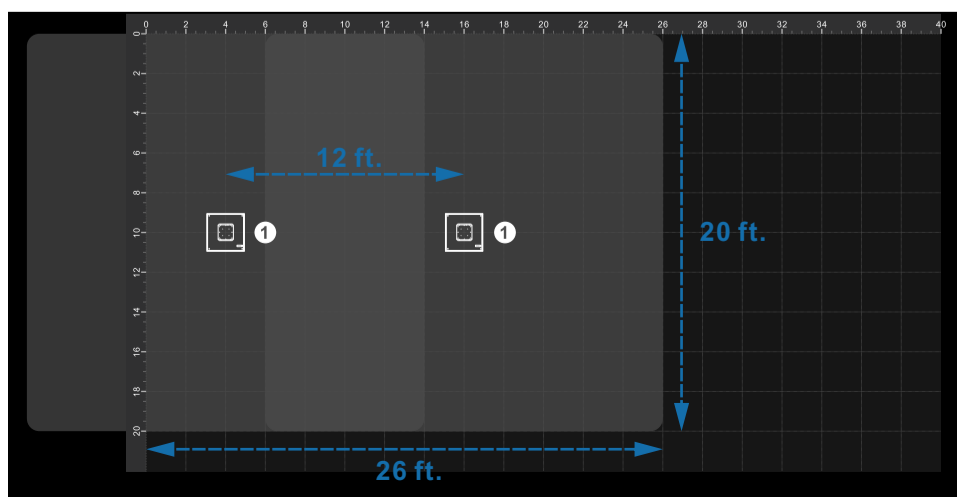
Note: Distances assume a mounting height of 9 ft. (2.7 m).



### Coverage Examples

6.1 x 8 m (20 x 26-ft.) Coverage:

- 12 ft. (3.7 m) between ACM-582
- ACM-582 on left is near the front of room. Some of its 6.1 x 6.1 m (20 x 20-ft.) coverage area is unused, and this is OK.



6.1 x 12.2 m (20 x 40-ft.) Coverage:

- 20 ft. (6.1 m) between ACM-582

