Relacart®

ACM-582
Array Ceiling Microphone
Quick Guide

Online Manual

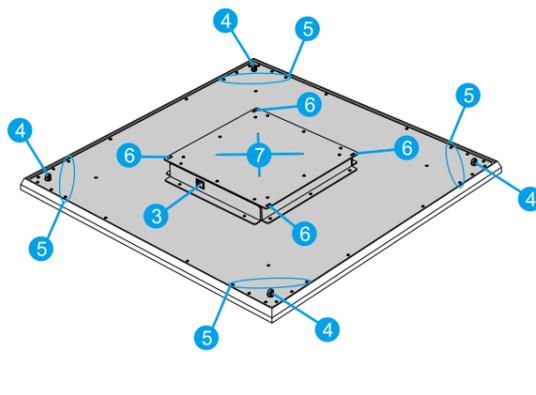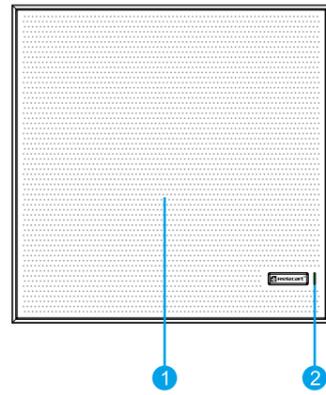www.relacart.com/downloads
ACM-582_

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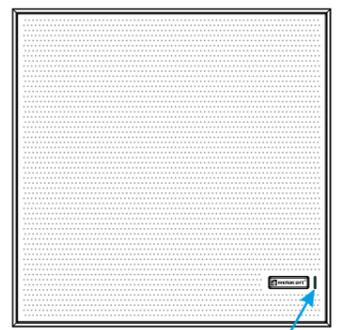
Relacart Electronics Co., LTD.

1302, South tower world trade centre complex, 371-375 Huanshi Dong Road, Guangzhou

www.relacart.com

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)
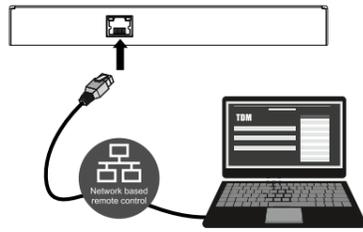
Status LEDs

Speaking Status (Green)

Mute Status (Red)

* You can customize the color and behavior through TDM software

Control

⚠ Network control via Relacart TDM software
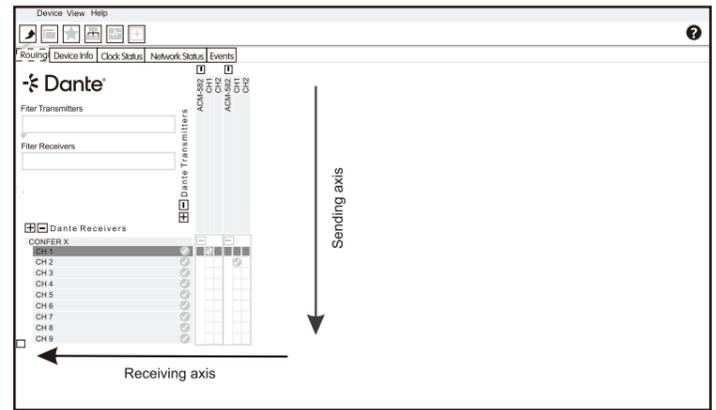www.relacart.com/tools-and-software

1 Connect
2 Download
3 Read Manual (Read Application Guide Manual)
4 Control

DANTE Software

my.audinate.com/support/downloads
Dante-controller_

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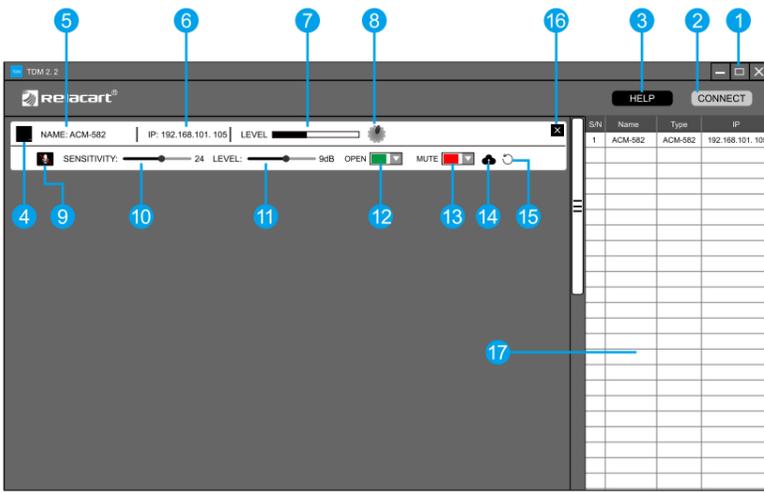

Note: Dante cannot operate in WiFi connected environment. We rely on reliable and secure wired network environment to transmit perfect audio.

TDM Software

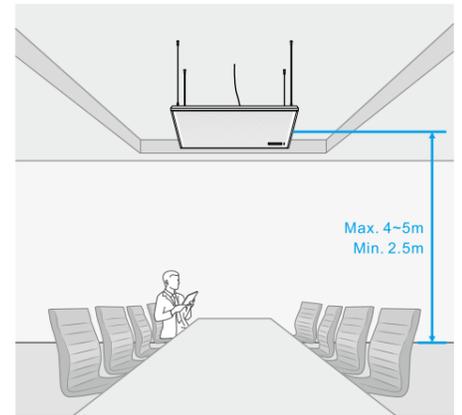www.relacart.com/tools-and-software
TDM_

1. Download the software, Double-click the [TDM] 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. Microphone open state color custom selection
13. Microphone mute status color custom selection
14. Firmware Upgrade
15. Microphone to restore factory Settings
16. Close button of microphone function window
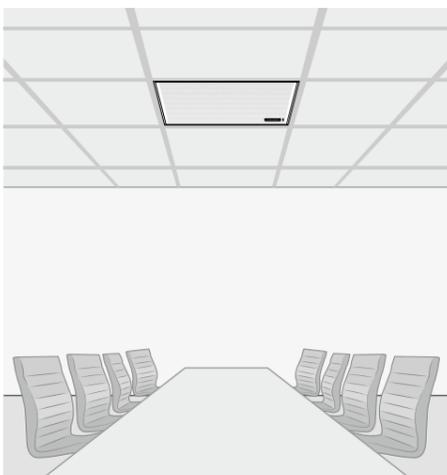17. Microphones list

Installation Height

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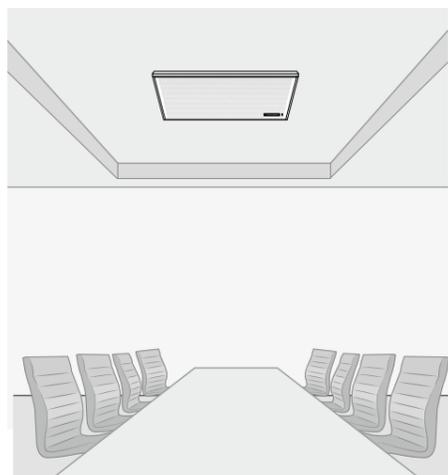· Observe the following minimum and maximum distances when installing the ACM-582.

Max. 4~5m
Min. 2.5m
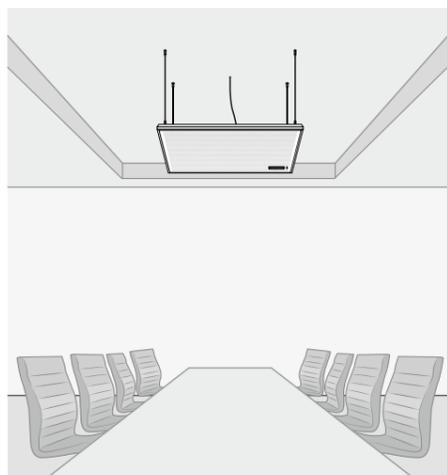
Installation Options
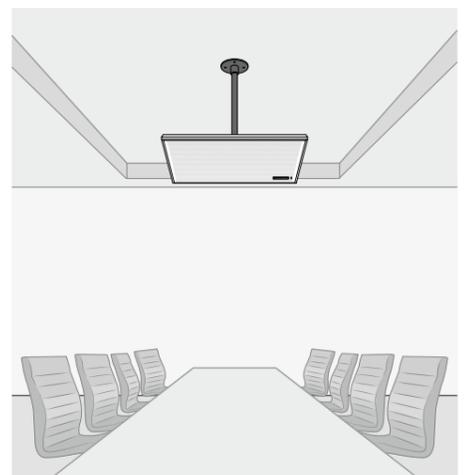
Flush Mounted
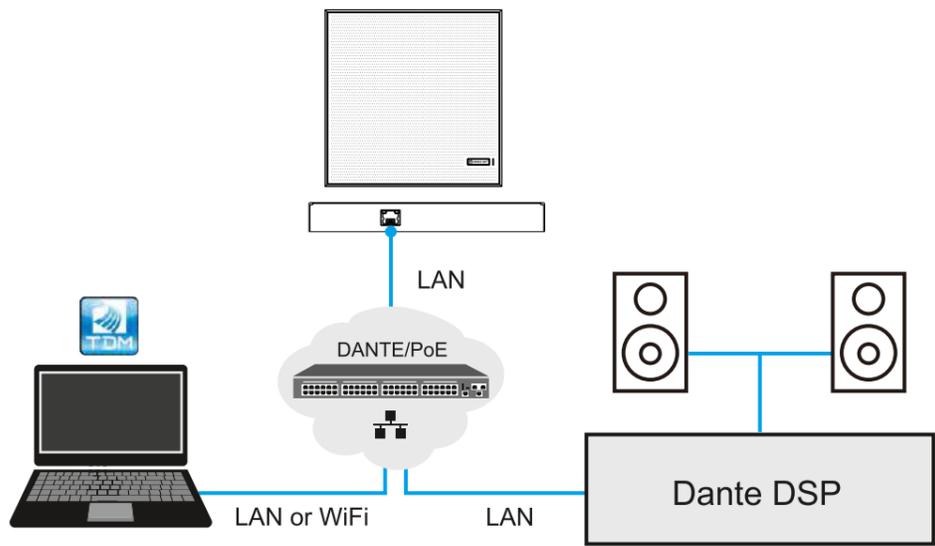

Surface Mounted

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.
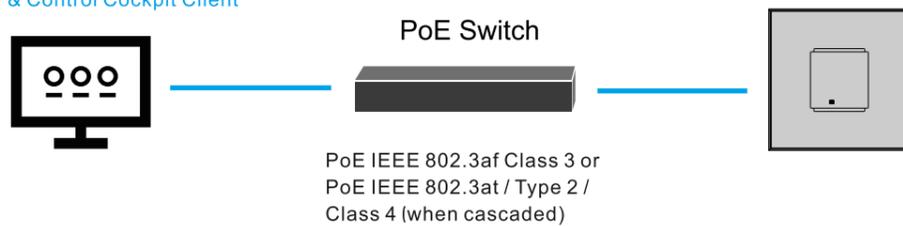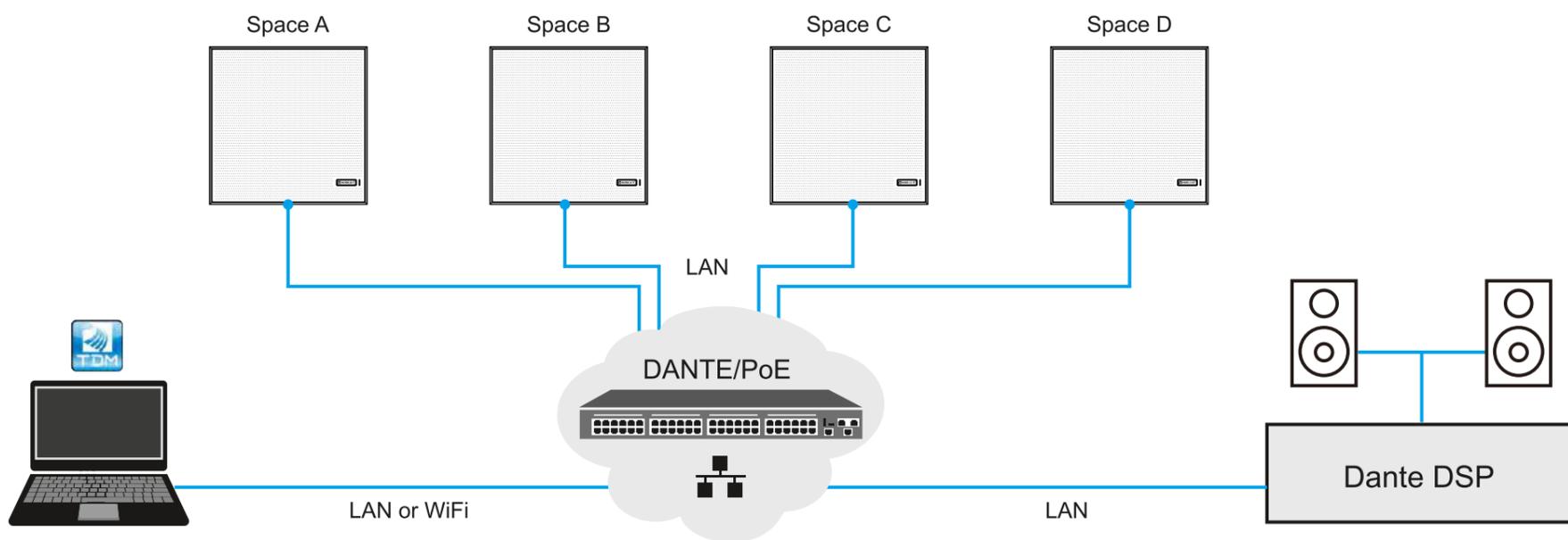
Control / PoE

LAN

TDM

DANTE/PoE

Dante DSP

LAN or WiFi   LAN

PoE Power Supply

Host-PC:
Control Cockpit Server
& Control Cockpit Client

PoE Switch

ACM-582

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

Connect Multiple ACM-582

Space A   Space B   Space C   Space D
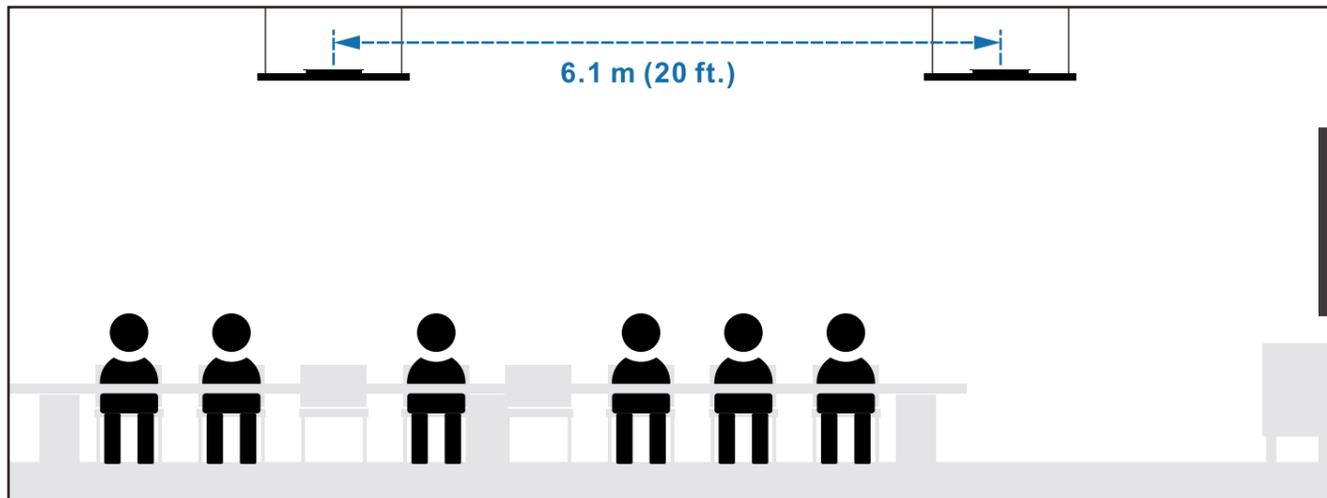
LAN

TDM

DANTE/PoE

Dante DSP

LAN or WiFi   LAN

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
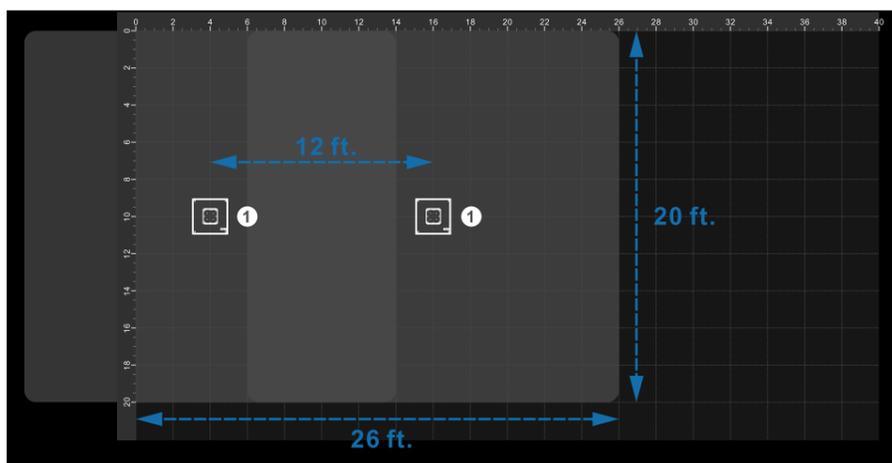 close the 2 ACM-582 are to each other.

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

6.1 m (20 ft.)

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.

12 ft.

20 ft.

26 ft.

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

· 20 ft. (6.1 m) between ACM-582

20 ft.

20 ft.

40 ft.