VISSONIC

Professional Audio Video Manufacturer

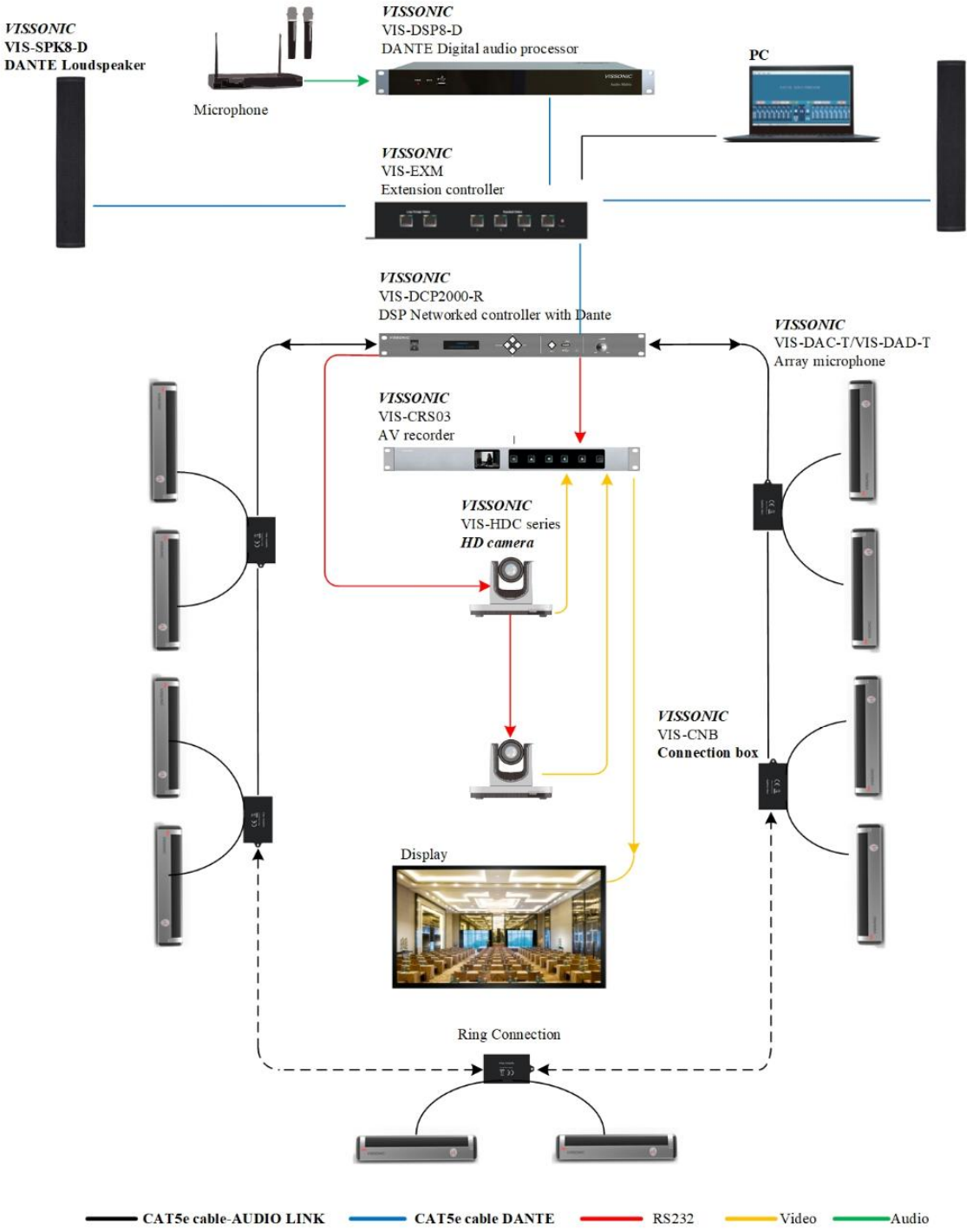
Conference System

PRODUCT DATASHEET

VISSONIC ELECTRONICS LTD.

Think Solutions

Application diagram



SONICON Series VIS-DAC-T/VIS-DAD-T

Digital Array Microphone Chairman/Delegate Unit

Features

- Stylish and modern design with touchable button
- ARRA-Tech™ Microphone array technology and the voice pick-up distance up to 120CM
- Priority button and approval button for chairman unit
- Standard CAT5e and RJ45 connectors are used in microphone to provide more convenient on project and maintenance.
- One 1.5m cable out to connect the splitter box and keep the table clear
- The unique AUDIO-LINK digital ring network technology achieves full-digital signal transmission and processing, completely avoiding the RF interference from cell phone or similar devices.
- Strong system robust by the "Hand-in-Hand-Loop-Network" connection technology
- Support Hot plug and play

Functions

- Compliance with IEC 60914, GBT 15381-94
- ARRA-Tech™ Microphone array technology improve sound up to 120CM.Using the built-in AGC technology, the acoustic transmission gain is increased. Using internal microphone capsules, the conference room looks tidy and clean.
- Single CAT5e cable transmits 64 channels of audio and various information.
- High fidelity sound by zero loss audio transmit technology, 48K audio sampling frequency, 20Hz~20KHz response frequency
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly no matter changing discussion unit or having any malfunctioned units
- Conference controller can output 16 segment equalized EQ to achieve sound field adjustment; pressure limit, which can recognize the noise gate passed by human voice. AGC automatic volume gain control; AFC automatic feedback suppression and auto-mix technology.
- Hot plug-and-play and auto-recovery function.
- Chairman unit has the MIC switch button, priority and approval the application for speaking.
- Headphone port is available.
- This system assigned to each unit independently ID to avoid duplicate ID conflict
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Hot-swap for any system unit, and the controller has auto-recovery function
- Button for MIC ON/OFF, Priority & Apply Answer button for chairman unit

- Head-set interface is available
- Without using PC software, our conference controller still owns following settings:
  - Limit on the number of speaking persons: By Setting the number of active units at the same time (Number is 1/2/4/6/ units)
  - Discussion modes:

  "**OPEN**" Free for all, limited by the active units setting by controller, "**OVERRIDE**" First in First out, "**VOICE**" Can activate MIC by detecting sound without press button, "**APPLY**" To apply then to speak
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function

Control & Indicators

Indicator for MIC ON/OFF
Chairman unit with priority button and consent button for the delegates

Interfaces

Pluggable gooseneck microphone base
1x 3.5mm stereo Headphone jack
1x CAT5 Cable with RJ45 jack

Technical Parameters

Button: Touchable interface
Sound Pickup: up to 120CM
Maximum power consumption: 1.0W
Headphone load: 16Ω
headphone volume: 10mW
Headphone jack: 3.5mm stereo
Input impedance: 2kΩ
SNR: 70dB
Frequency response: 20 ~ 20000Hz
Connection: CAT5 / CAT6 cable + RJ45
Equivalent noise: 20dBA (SPL)
Main material: Aluminum
Weight: 0.7kg
Dimension: 305L × 45W× 42H mm
Operating temperature: 0 ℃ to + 55 ℃
Color: Silver or Black

Item Model for Order

VIS-DAC-T..... Digital Array Microphone Chairman Unit
VIS-DAD-T..... Digital Array Microphone Delegate Unit
VIS-CNB.....Connection Box for every two array microphones