Xavtel®

Applications of

DIALOGO™

SENATOR™

Unified Communicaton
Conference-Presentation

SENATOR™

RAPIDO™ AEC

DCP1000
Digital Conference Processor

Digital Conference DSP Processor with an optional AEC card and 2 redundant CDM-Net-Loop card slots (one card on board). It can connect up to 504 delegate units via DDB104 Mic Junction Boxes. Fully networkable with either CAT5/6 or fibre optic connection and has all DSP power on board for all connectable delegate units.

CDM1000
Delegate/Chairperson/Interpretation

Digital Conference Mic Base unit with 2 buttons and a loudspeaker. Further 2 mini-jacks connections for votepad units, a headphone and an external microphones. The CDM1000 can be software-defined either as a delegate or a chairperson unit, providing a maximum of 6 interpretation channels.
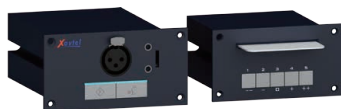
CDM-T5
Chairperson/Delegate/Voting Interpretation with Touch Screen LCD

The CDM-T5 Mic Base unit has a 5" TFT touchscreen, a built-in speaker, and a RFID card reader. Further 2 mini jacks connections for a external microphone and a headphone. The CDM-T5 can be software-defined either as a delegate or a chairperson unit, providing a maximum of 6 interpretation channels.

CFM-MAIN/CFM-VK
Flush-Mount Delegate/Votepad

The CFM-MAIN Mic Base unit has 2 buttons with 3-pin XLR connectors, and can be connected to a speaker driver/speaker output; CFM-VK has 5 voting buttons and a RFID card reader. Flexible and cost-effective combination with one CFM-MAIN plus one CFM-VK.

DCA660
Mix-Minus Digital Conference Amplifier

Digital Conference Amplifier with 6 CH x 60 Watts on 8 ohm load. Up to 64 x DCA660 units can be connected via a digital link with CAT5/6 cable to DCP1000 conference processor, allowing auto calibration of mix-minus setup.

DDB104
Digital Mic Junction Box

Microphone Junction Box connects 4 delegate units via the CDM-Net-Loop card installed in DCP1000 processor. A DCP1000 processor can connect up to 63 DDB04 units to be a redundant loop. 2 types of connection: CAT5/6 or fibre optic.
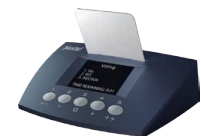
CDM2000
Delegate/Chairperson/Voting/Interpretation

The Desktop Mic Base unit has 2 buttons and a loudspeaker. Additionally includes a RFID card reader and 5 voting buttons. 4 extra buttons for channel selection and volume adjustment. The CDM2000 can be software-defined either as a delegate or a chairperson unit, providing a maximum of 6 interpretation channels.

VOTEPAD-AT/DR
Votepad Attached/Direct with LCD Display

Votepad AT/DR includes a RFID card reader, 5 voting buttons and LCD display to show voting results. Votepad AT connects to the CDM1000 delegate unit; Votepad DR connects directly to the DDB104 mic junction box.
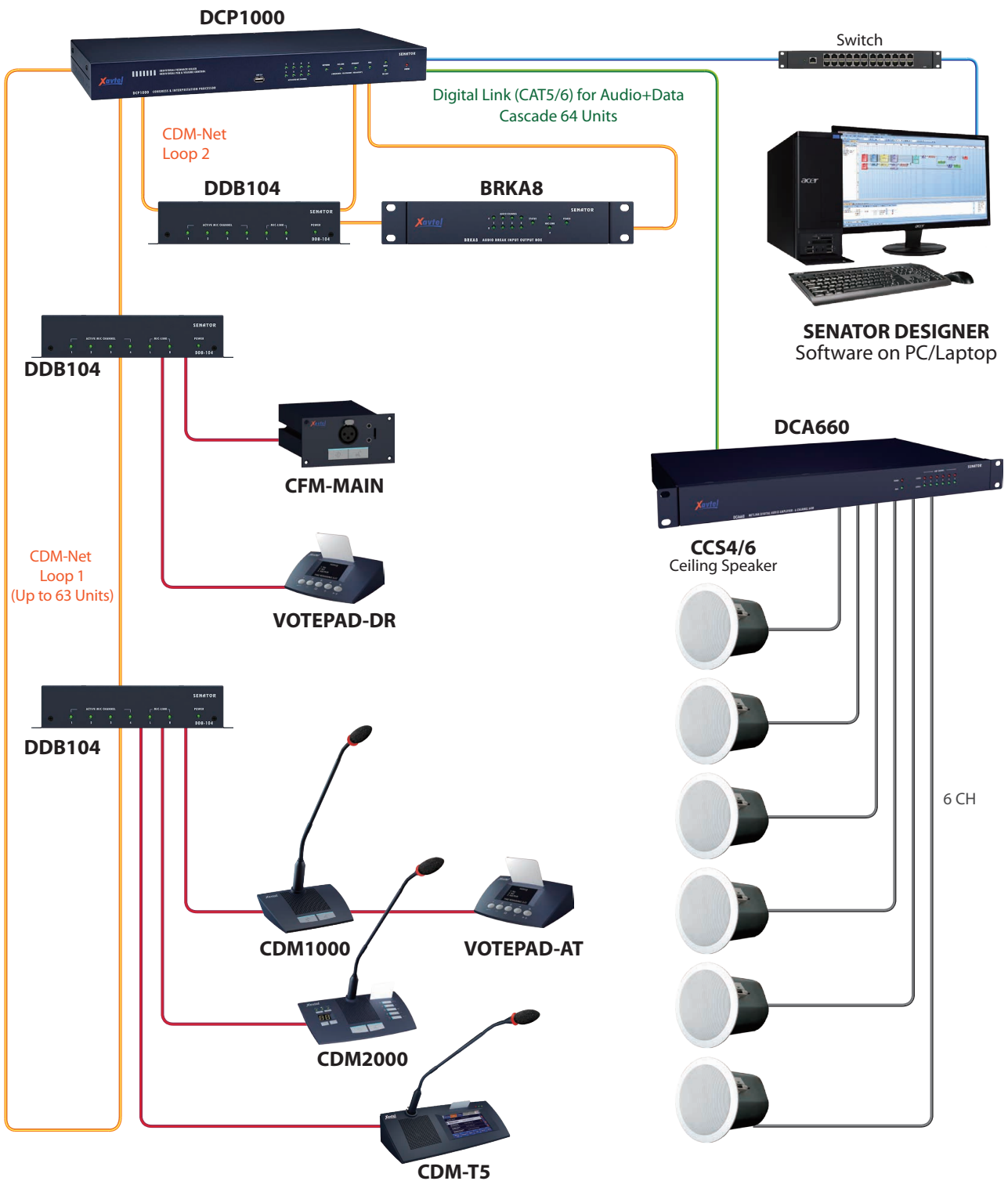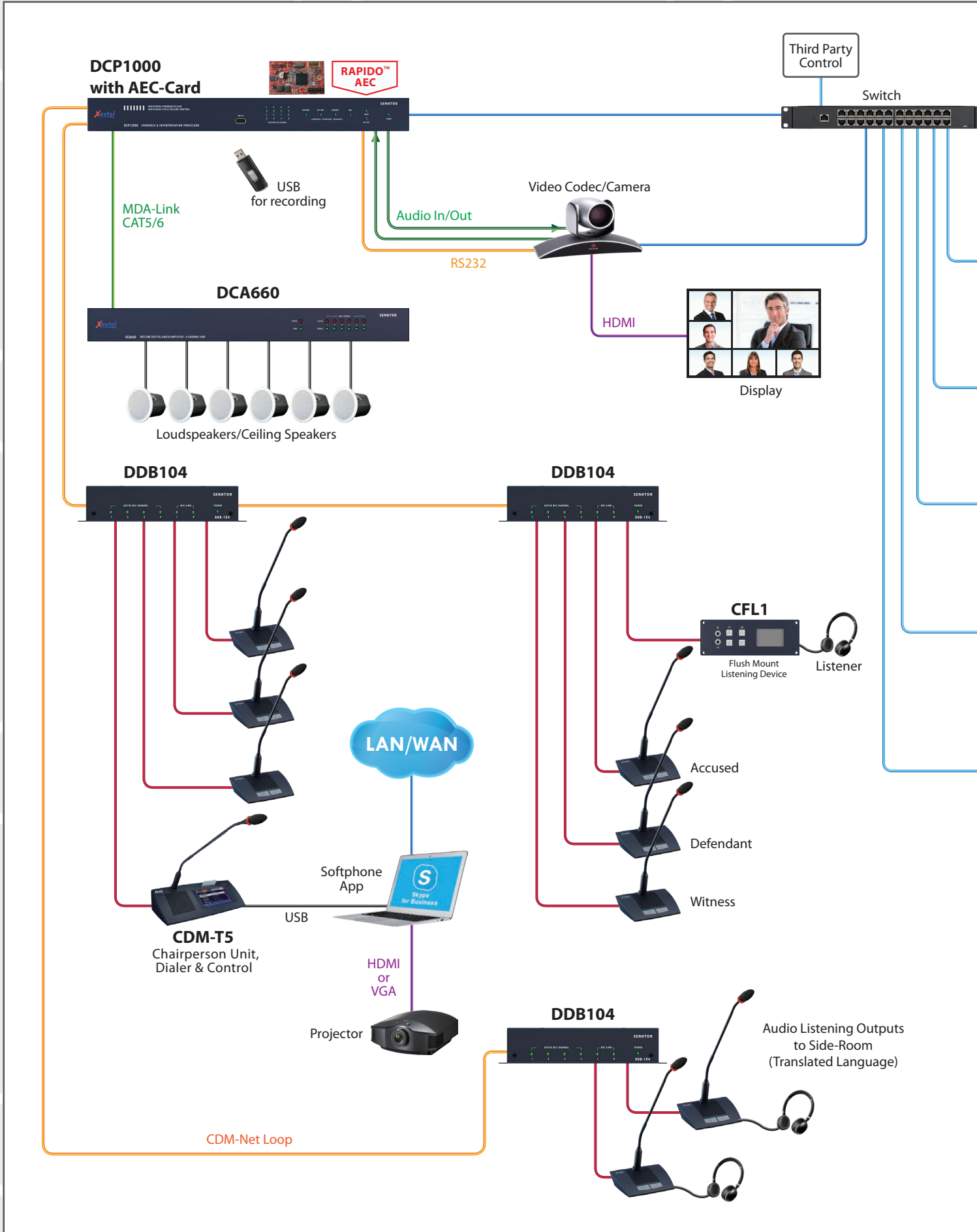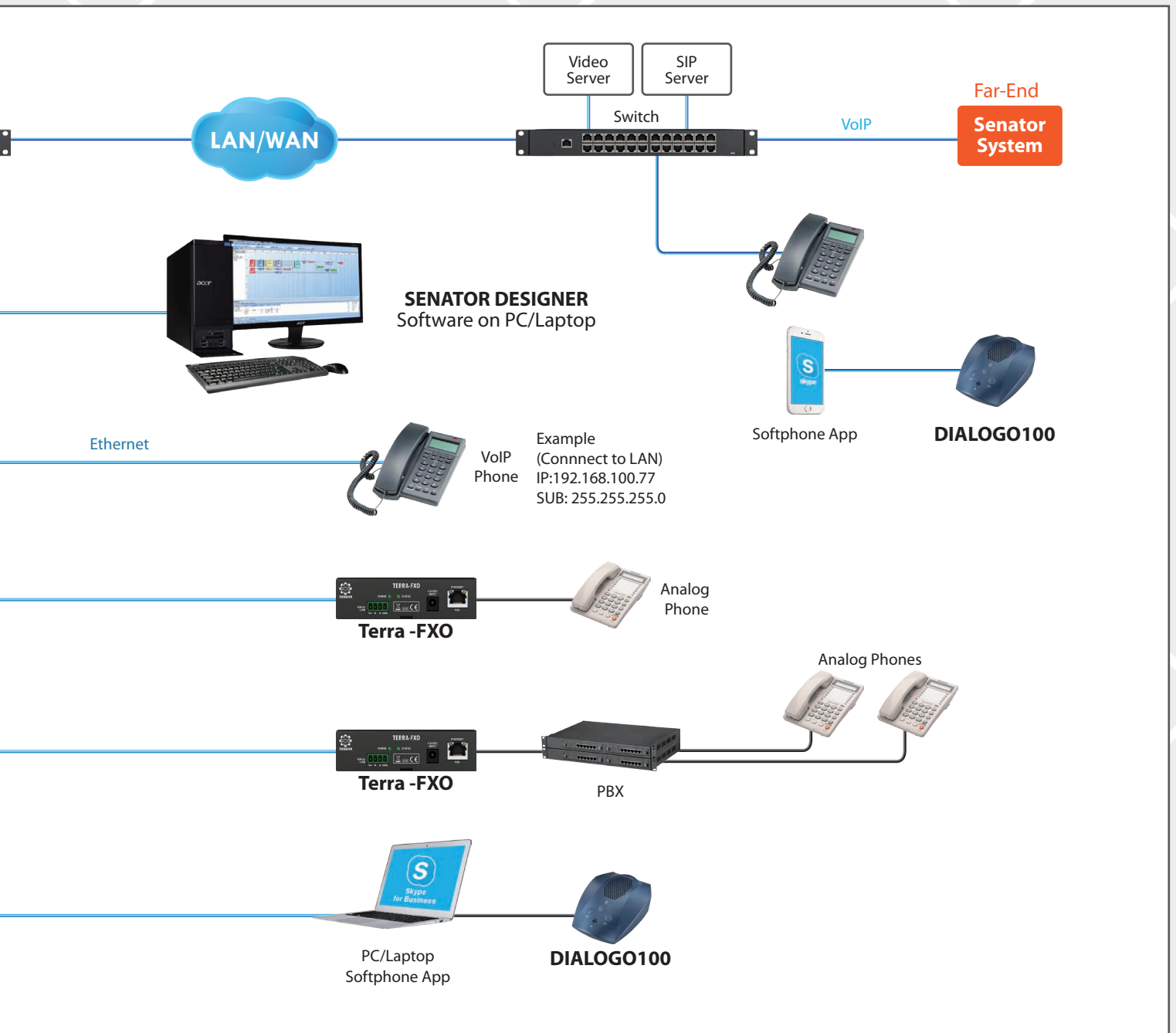
BRK-A8O
Breakout Box with Analog 8 Out

Provide 4 line input channels for DCP1000, or 4 output channels for conference recording, the recording target (floor/VoIP/Line In/BRK/Mic) can be software-defined. The BRK-A8O connects to DCP1000 or DDB104 via daisy chain wiring (max. 100m).

SENATOR™

DIAGRAM

DCP1000

Switch

Digital Link (CAT5/6) for Audio+Data
Cascade 64 Units

CDM-Net
Loop 2

DDB104

BRKA8

SENATOR DESIGNER
Software on PC/Laptop

DDB104

DCA660

CFM-MAIN

CCS4/6
Ceiling Speaker

CDM-Net
Loop 1
(Up to 63 Units)

VOTEPAD-DR

6 CH

DDB104

CDM1000   **VOTEPAD-AT**

CDM2000

CDM-T5

UC & CONFERENCE APPLICATIONS

DCP1000 with AEC-Card

RAPIDO™ AEC

Third Party Control

Switch

USB for recording

MDA-Link CAT5/6

Video Codec/Camera

Audio In/Out

RS232

HDMI

DCA660

Display

Loudspeakers/Ceiling Speakers

DDB104

DDB104

CFL1

Flush Mount Listening Device

Listener

LAN/WAN

Accused

Defendant

Softphone App

Skype for Business

Witness

USB

CDM-T5
Chairperson Unit, Dialer & Control

HDMI or VGA

Projector

DDB104

Audio Listening Outputs to Side-Room (Translated Language)

CDM-Net Loop

SENATOR™

Video Server

SIP Server

Switch

LAN/WAN

VoIP

Far-End
Senator System

SENATOR DESIGNER
Software on PC/Laptop

Softphone App

DIALOGO100

Ethernet

VoIP Phone

Example (Connnect to LAN)
IP:192.168.100.77
SUB: 255.255.255.0

Terra -FXO

Analog Phone

Terra -FXO

PBX

Analog Phones

PC/Laptop
Softphone App

DIALOGO100

Audio Video
Commercial Conferencing
Speakerphone

DIALOGO 100
Portable UC Desktop Speakerphone.
Excellent voice and music reproduction.
Features AEC algorithm and NR.
USB connetion to PC/Laptop. Easy installation.

SENATOR™

Xavtel®

AEC AND VOIP FUNCTIONS

With the optional AEC-Card (Acoustic Echo Cancellation) which includes Xavtel's RAPIDO™ AEC algorithm, Senator system can work independently of any external AEC DSP device, and support VoIP functions for remote conferencing.

VOICE ACTIVATED GATE

The gate of each microphone will only open when voice is detected, not with any other noise!

FIVE SELECTIVE CONFERENCE MODES

Discussion-FIFS / Discussion-FIFO / Meeting-Priority / Meeting-Delegates RQ / Meeting-Chairperson

MIX-MINUS AUTO CALIBRATION

For best gain before feedback in every room, the Mix-Minus auto calibration function is a unique tool.
It works in conjunction with the DCA660 digital amplifier!

ENHANCED DSP

All DSP settings are stored in the DCP1000 Conferencing Processor; All DSP functions can be processed individually for each delegate unit.

INNOVATIVE NETWORK TECHNOLOGY

Loop wired architecture with Star wired benefits, 2 redundant CDM-Net-Loops are available to connect up to 63 x DDB104 Mic Junction Boxes per loop; 4 Mics per DDB104 Mic-Junction Box = 504 Mics total per DCP1000 Conferencing Processor!

www.ateis-europe.com

Next Generation Audio Video Telco