Key digital®

⛋ TOA

LeCAMbio

Integrated Conferencing System
Speaker & Microphone Beam Steering
with Auto PTZ Control
Step-By-Step Guide

1 CHOOSE KIT

2 PLACE YOUR ORDER

3 BEGIN TRAINING

4 INSTALL HARDWARE

5 PROGRAM SYSTEM

Table of Contents

Integrated Audio, Video, and Control Solutions for Conference Spaces by

Key digital®   **TOA**

WiFi Network

KD-CAMUSB
1080p PTZ Cam

RS-232

Conference Room

Start Meeting

End Meeting

KD-CX800
Controller

Compass Control Pro
iPad Control App

LAN

TOA Lenubio AM-CF1
Audio Collaboration System

Video
Conferencing
Any Software

2x USB 2.0 &
KD-PRO16 4K/18G HDMI
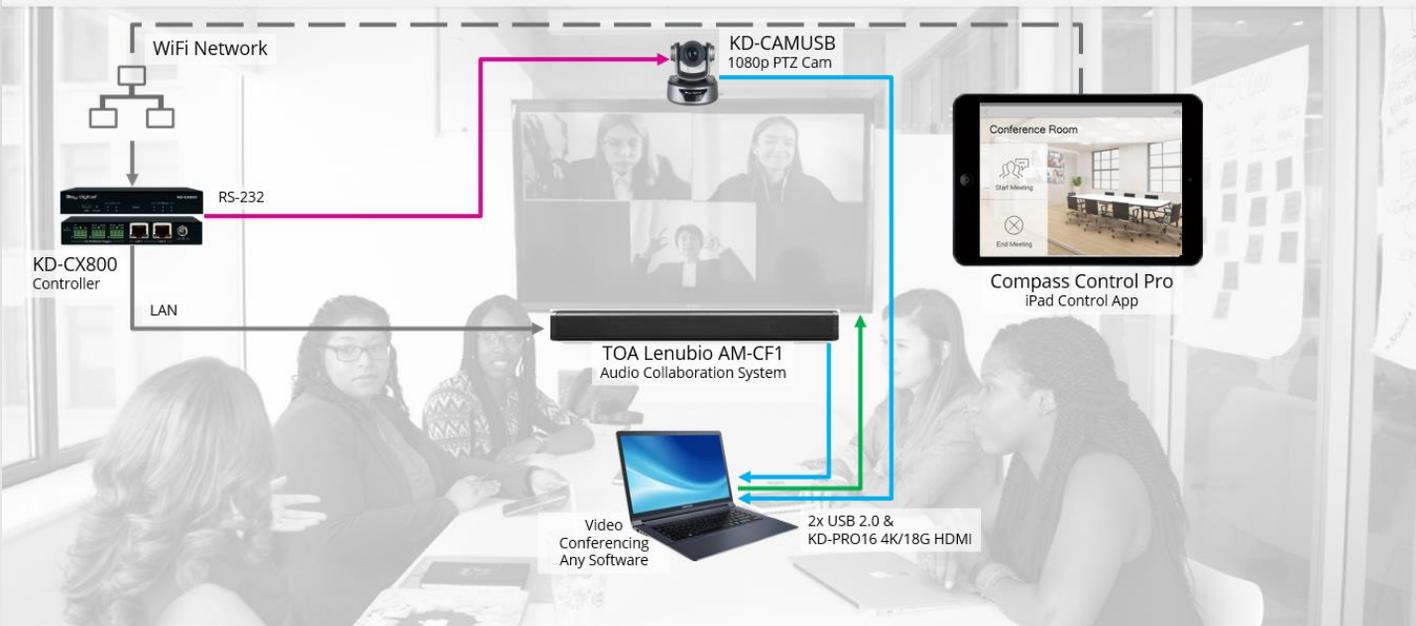
Products shown: TOA Lenubio, Key Digital KD-CamUSB, KD-CX800, KD-Pro16, KD-ProCL1
**System Delivery:** Connect laptop USB & HDMI to present and provide remote participants an HD 1080p professional auto-PTZ controlled view of the conference space while speaking with each other just as you would in normal conversation thanks to the integrated array mic and soundbar.

Note: Dual USB connectivity depicted because some PCs with Intel Core processors have reported video flicker while connected to system with a single USB. Use Kit 3 or 4 for single USB connectivity to laptop.

Choose Kit

1

Key digital®

Integrated Audio, Video, and Control Solutions for Conference Spaces by

TOA

WiFi Network

RS-232

KD-CAMUSB
1080p PTZ Cam

KD-XUSB2
USB 2.0 Extender Kit

KD-CX800
Controller

TOA Lenubio AM-CF1
Audio Collaboration System

CAT5e/6

KD-AOCHxxP
Plenum Optical HDMI Cable

Conference Room

Start Meeting

End Meeting

Video Conference
Any Software

Compass Control Pro
iPad Control App
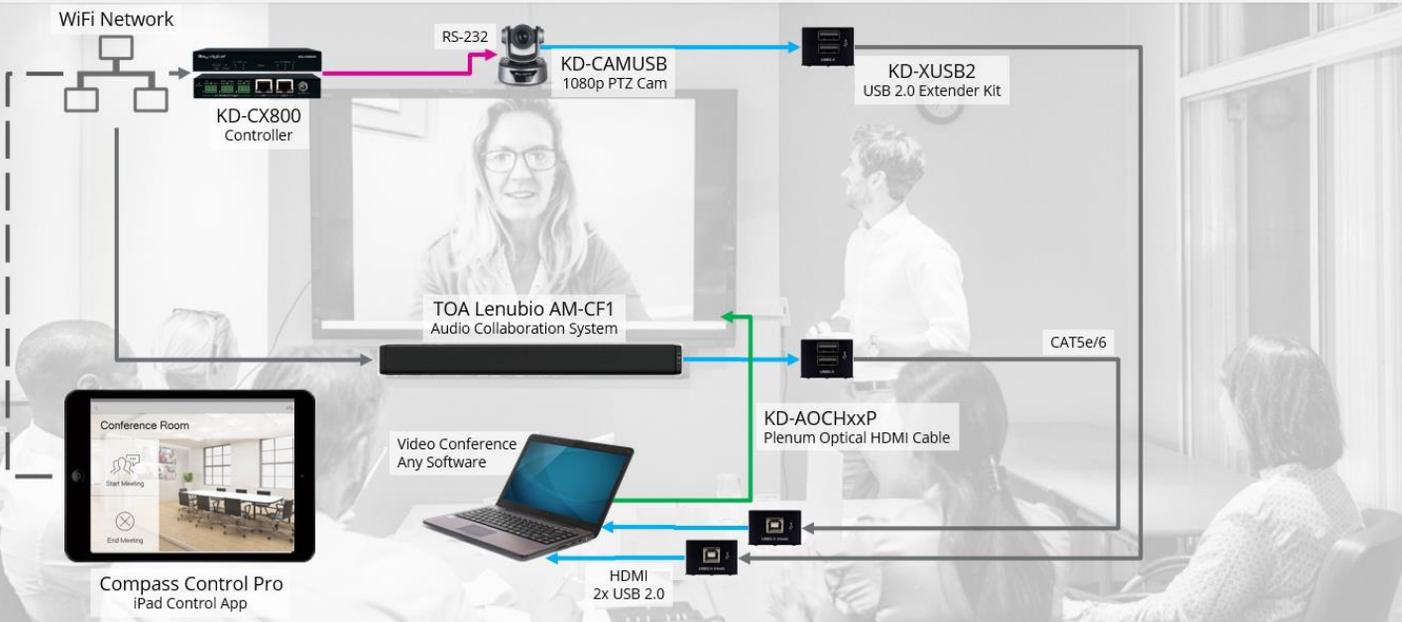
HDMI
2x USB 2.0

Products shown: TOA Lenubio, Key Digital KD-CamUSB, KD-CX800, 2x KD-XUSB2, KD-AOCHxxP, KD-ProCL1
System Delivery: Connect laptop USB & HDMI to present and provide remote participants an HD 1080p professional auto-PTZ controlled view of the conference space while speaking with each other just as they would in normal conversation thanks to the integrated array mic and soundbar.

Note: Dual USB connectivity depicted because some PCs with Intel Core processors have reported video flicker while connected to system with a single USB. Use Kit 3 or 4 for single USB connectivity to laptop.

Choose Kit

1

Key digital — Integrated Audio, Video, and Control Solutions for Conference Spaces by TOA

WiFi Network

KD-CX800
Controller

RS-232

KD-CAMUSB
1080p PTZ Cam

KD-X100MRX
HDBaseT Receiver

HDBaseT

TOA Lenubio AM-CF1
Audio Collaboration System

Video Conference
Any Software

KD-X4x1WUTx
or
KD-X3x1WUTx
HDBaseT Transmitter

HDMI, DP, USB-C, VGA + L/R
USB 2.0

Compass Control Pro
iPad Control App

Products shown: TOA Lenubio, Key Digital KD-X4x1WUTx / KD-X3x1WUTx, KD-X100MRx, KD-CamUSB, KD-CX800, KD-ProCL1
System Delivery: Connect laptop USB and AV to present and provide remote participants an HD 1080p professional auto-PTZ controlled view of the conference space while speaking with each other just as they would in normal conversation thanks to the integrated array mic and soundbar.

Choose Kit

1

Key digital®

Integrated Audio, Video, and Control Solutions for Conference Spaces

TOA

WiFi Network

KD-CX800
Controller

RS-232

KD-CAMUSB
1080p PTZ Cam

LAN

KD-X100MRX
HDBaseT Receiver

HDBaseT

TOA Lenubio AM-CF1
Audio Collaboration System

KD-UPS52U
Presentation Switch

Video Conferencing
Any Software

Compass Control Pro
iPad Control App

USB 2.0

KD-X4x1WUTx
or
KD-X3x1WUTx
HDBaseT Transmitter

In-Rack
Video Sources

HDMI, DP, USB-C, VGA + L/R
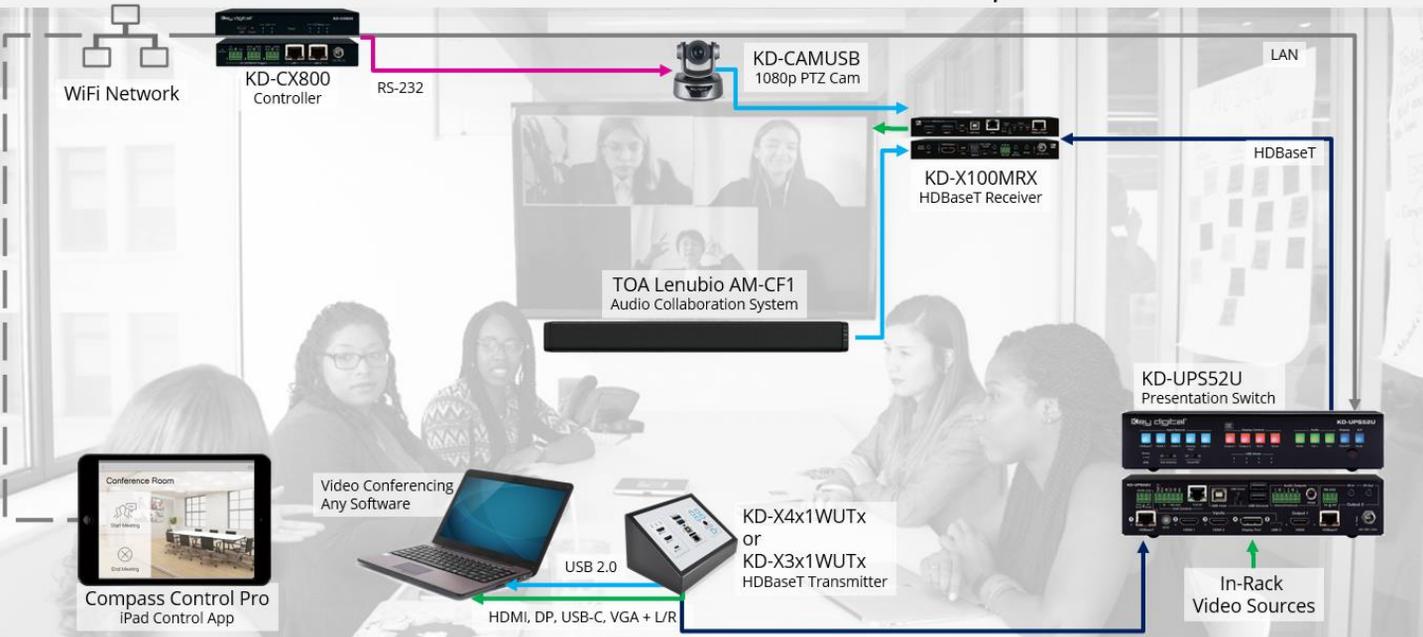
Products shown: TOA Lenubio, Key Digital KD-X4x1WUTx / KD-X3x1WUTx, KD-UPS52U, KD-X100MRx, KD-CamUSB, KD-CX800, KD-ProCL1
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Choose Kit

1

Where to Buy

North America Inquiries

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Vice President of Sales

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- ➜ Mobile: 615.878.0127
- ➜ E-Mail: dewayne@keydigital.com

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VP of Global Sales Distribution

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- ➜ Mobile: 914.708.0814
- ➜ E-Mail: dhusbands@keydigital.com

Leon Tsinberg
Business Development Manager

- ➜ Phone: 914.667.9700 ext 215
- ➜ Mobile: 646.228.0976
- ➜ E-Mail: leon@keydigital.com

International Inquiries
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- ➜ 1177 Oslo, Norway
- ➜ Phone: +47 90 25 01 00
- ➜ Sales Inquiries: sales@keydigitaleurope.eu
- ➜ Support: support@keydigitaleurope.eu

Key Digital Europe - Warehousing

- ➜ Key Digital Europe AS
  Gamle Drammensvei 107
  1363 HØVIK, Norway

Asia Pacific

Abhinav Saxena
Senior Director, APAC & ME

- ➜ Phone: +91-9953-24-0867
- ➜ Fax: 914.668.8666
- ➜ E-Mail: Abhinav.Saxena@keydigital.com

Place Your Order
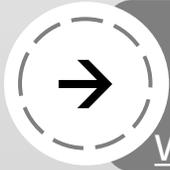
2

Sales Managers by Region

For information on purchasing TOA products, finding a local TOA dealer, or, if you're interested in becoming a TOA dealer, click on your state below to find the nearest TOA Sales Representative.

For all other International (non-USA) contacts, please visit the TOA Global website.

Alabama	Alaska	Arizona	Arkansas
California (North)	California (South)	Caribbean	Central America
Colorado	Connecticut	Delaware	District of Columbia
Florida	Georgia	Hawaii	Idaho (East)
Idaho (West)	Illinois (North)	Illinois (South)	Indiana
Iowa	Kansas	Kentucky	Louisiana
Maine	Maryland	Massachusetts	Mexico
Michigan	Minnesota	Mississippi	Missouri
Montana (East)	Montana (West)	Nebraska	Nevada (North)
Nevada (South)	New Hampshire	New Jersey (North)	New Jersey (South)
New Mexico	New York	North Carolina	North Dakota
Ohio	Oklahoma	Oregon	Pennsylvania (East)
Pennsylvania (West)	Puerto Rico	Rhode Island	South Carolina
South Dakota	Tennessee	Texas	Texas (El Paso)
Utah	Vermont	Virginia	Washington
West Virginia	Wisconsin (East)	Wisconsin (West)	Wyoming

Place Your Order

2
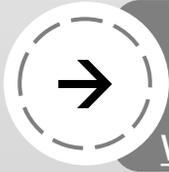
Global Offices

Map   Satellite

TOA Corporation / Japan

Overseas Network (Southeast Asia and Oceania)

Overseas Network (Southeast Asia and Oceania) Production

Overseas Network (East Asia)

Overseas Network (East Asia) Production

Overseas Network (Europe and Africa)

Overseas Network (South and North America)

Place Your Order

2

https://keydigital.org/web/signup

CREATE KEY DIGITAL UNIVERSITY PROFILE

Enjoy FREE System Design Services and CTS/CTS-D Approved In-Depth Online Education.

Please complete application below and submit for Key Digital approval. Please allow 2-3 business days for review process.

STEP 1: APPLY	STEP 2: APPROVAL	STEP 3: LOGIN & TRAIN

ABOUT YOU

First Name*

Last Name*

Title*

Mobile*

Which control system(s) are you currently using?

☐ Compass Control® Pro   ☐ KDMS™ Pro   ☐ Control4   ☐ Crestron

☐ Savant   ☐ AMX   ☐ URC   ☐ Other

Are you a Key Digital customer?

Currently purchasing any Key Digital products?   Current Rep/Distributor

☐ Yes   ☐ No

Begin Training

3

C1: System Specification & Sales

PROGRESS   13%

SYSTEM SPECIFICATION
AND SALES

COMPLETED! PRINT CERTIFICATE.   **REVIEW**

2 RU   **2 RU**

Courses & Points

3

C1: System Specification & Sales

PROGRESS   13%

C1

SYSTEM SPECIFICATION
AND SALES

COMPLETED! PRINT CERTIFICATE.   REVIEW

CTS
2 RU

CTS-D
2 RU
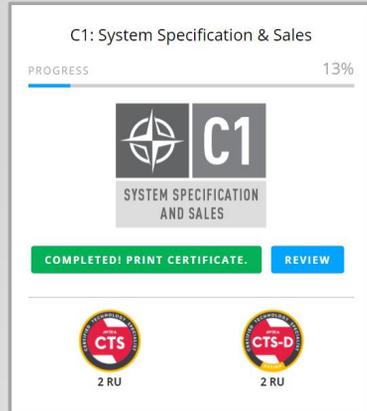
Learn About:
The IP Based System with iOS Brain
Compass Alliance Partner Mfrs
Programming Software
Modular & Custom Programming
Compass Cloud Server
Master Controllers and Hardware

Begin Training

3

C1: System Specification & Sales

PROGRESS   13%

BACK TO KEY DIGITAL UNIVERSITY   **CONTINUE COURSE**

SYSTEM SPECIFICATION AND SALES

Certification and Training ⌄

Compass Control System Introduction ⌄

Programming Software ⌄

App Software ⌄

Master Controllers and Hardware, Part 1 ⌄

Master Controllers and Hardware, Part 2 ⌄

Custom GUI Preview and Project Review ⌄

Begin Training

3

C1+: Modular v2.0 Programming Method

PROGRESS   55%

COMPLETED! PRINT CERTIFICATE.   REVIEW

CTS
3 RU

CTS-D
3 RU

Begin Training

3

C1+: Modular v2.0 Programming Method

PROGRESS   55%

C1+

PROGRAMMING
AND INSTALLATION

COMPLETED! PRINT CERTIFICATE.   REVIEW

CTS   CTS-D

3 RU   3 RU
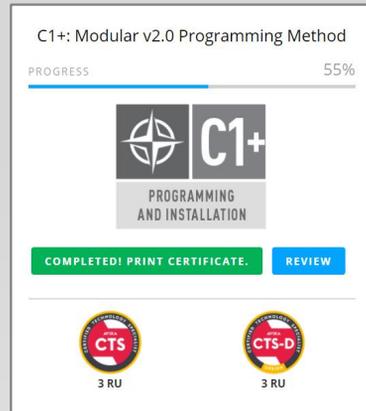
Learn About:
Modular GUI Walkthrough
Scenarios, Contents & Module Space
Adding Custom Macros
Creating Custom Pages
Programming a Presentation Space
Programming a Bar / Restaurant

Begin Training

3

A. Install KD-CamUSB according to [Quick Setup Guide](#) & [Operation Manual](#)

Install Hardware

4

FRONT

Key digital®   KD-CX800

— Link —
USB   Power   1   2   Reset   — I/O Status —
1   2   3

IR Sensor   5V   IR Out   IR In   RS TxD   RS RxD   IR Out   IR In   RS TxD   RS RxD   IR Out   IR In

1   2   3   — LAN 1 —   — LAN 2 —   12V ⎓ 1A

— I/O (IR/RS232/Trigger) —

REAR
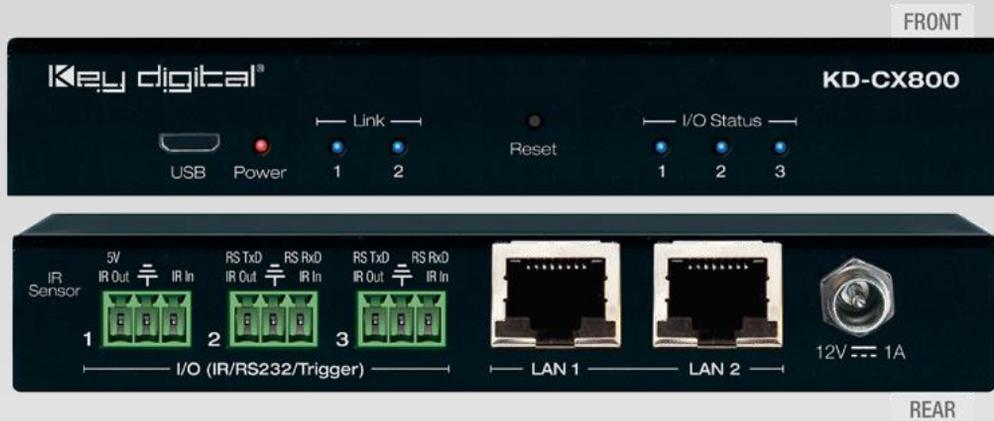
B. Install KD-CX800 and apply IP settings using [KDMS Pro](). Connect RS-232 to control KD-CamUSB

Install Hardware

4
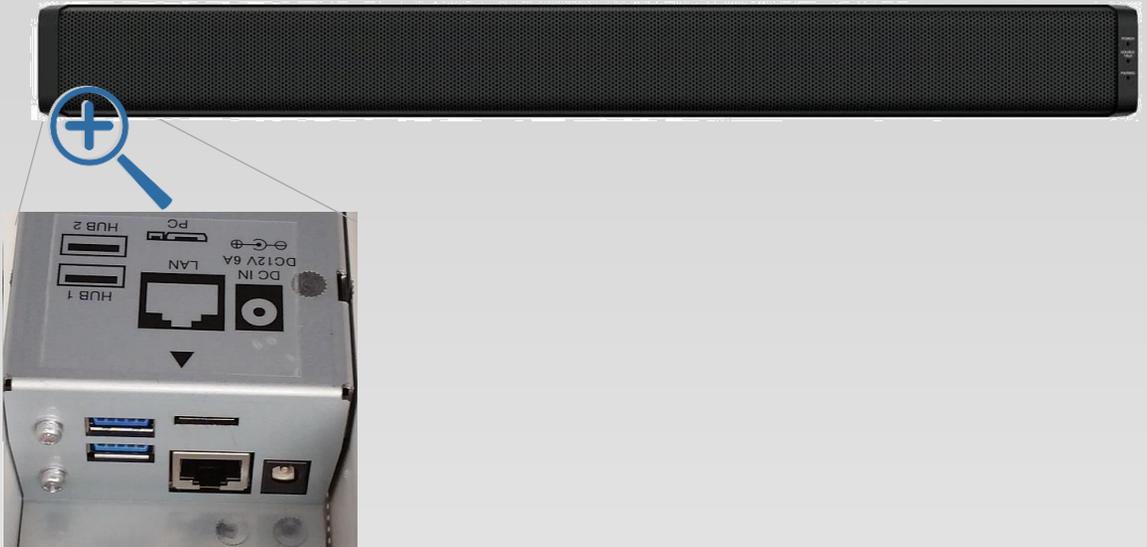
C. Install TOA Lenubio AM-CF1
using web browser UI.
Default IP: 192.168.14.1
Username: amcf1
Password: amcf1guest

Install Hardware

4

D. Download Compass Control Pro app to any iPad/iPad mini model. [Generate ID](#) and [activate software license](#)

Install Hardware

4

COMPASS CONTROL® PRO
CERTIFIED PROGRAMMERS

Compass Control Pro is easily programmed remotely, so you can work with our master-level programmers to ensure a fantastic experience for you and your customer.

Program System

5

Compass Control® Pro Partner Modules

LINK

Compass Control® Pro integrates third party components from Compass Alliance™ Partners to create an entire plug and play system when combined with product from any of our partners. Combining the knowledge and expertise from the different partners has allowed Compass Control® Pro to develop into a complete turnkey control solution. We are continually working on integrating additional partner modules and developing additional bi-directional driver modules.
**Please login as Key Digital Dealer to download module files. DEALER LOGIN**

Show 10 entries

Search: toa

Partner	Model Number	Interface Screens	Module Video	Press Release	Marketing Flyer	Sharing Image	Module Download	Module Manual
TOA	DP-K1 and DP-SP3	UI Screens	Youtube Video	Press Release	Module Flyer	Social Image	Module File	Manual
TOA	M2 Series Router	UI Screens	Youtube Video				Module File	Manual
TOA	M2 Series Mixer	UI Screens	Youtube Video				Module File	Manual
TOA	Lenubio AM-CF1	UI Screens	Youtube Video		Module Flyer	Soc...	Module File	Manual

Showing 1 to 4 of 4 entries (filtered from 152 total entries)

Previous 1 Next

A

B
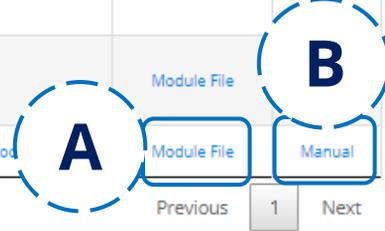
A. Download the module
B. Study the module manual
C. View programming example video

Program System

5

← Downloads › TOA AM-CF1 › TOA AM-CF1

Name

TOA_AM-CF1-Modular2_w_CAM_LargeRoo...
TOA_AM-CF1-Modular2_w_CAM_SmallRoo...
KD-TOA-Audio-AM_CF1-v2107.ldx
KD-TOA-Audio-AM_CF1-v2107
KD-TOA-Audio-AM_CF1-v2107_IP
LargeRoomExample
SmallRoomExample
TOA_AM-CF1_ModuleManual
C TOA_AM-CF1-Modular2_w_CAM_LargeRoom
TOA_AM-CF1-Modular2_w_CAM_SmallRoom
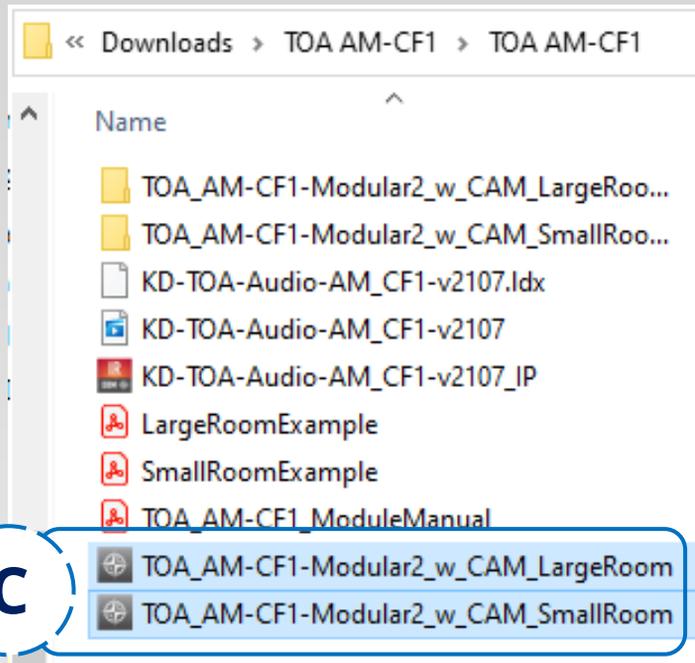
C. Begin with pre-programmed template for Small (ex Huddle Space) or Large room (ex Conference Room)

Program System

5
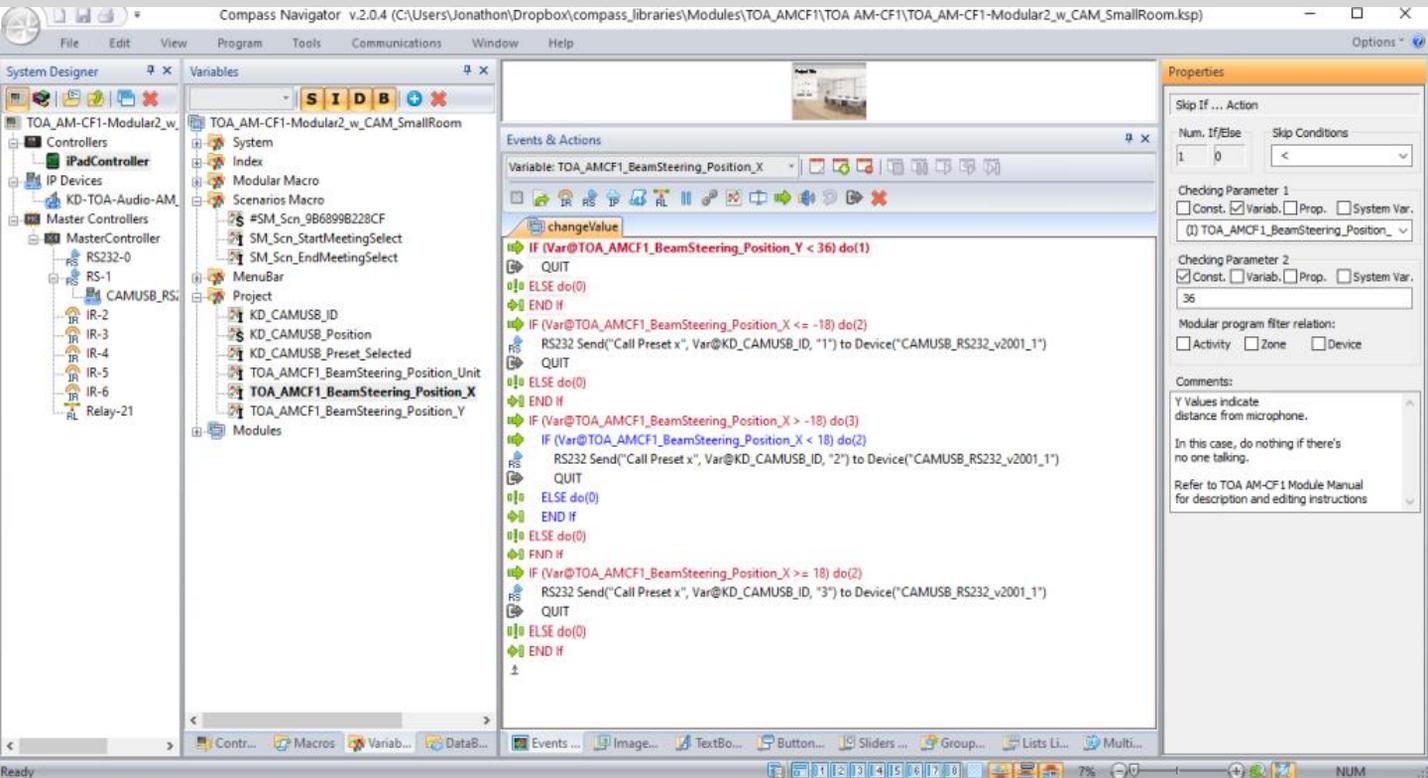
D. Update Beam steering status variables
as instructed in module manual.
E. (Optional) Program additional devices
in your Conference Space

Program System

5

1. Connect to server   2. Load project   3. MC update & device check

Current Project
Load from Server
Load Temp Project
Add to Archive
Load from Archive

20 %

Please wait...
Loading project.

Project loading. Please wait.

F. Load Compass project to server, download to iPad, and control!

Program System

5
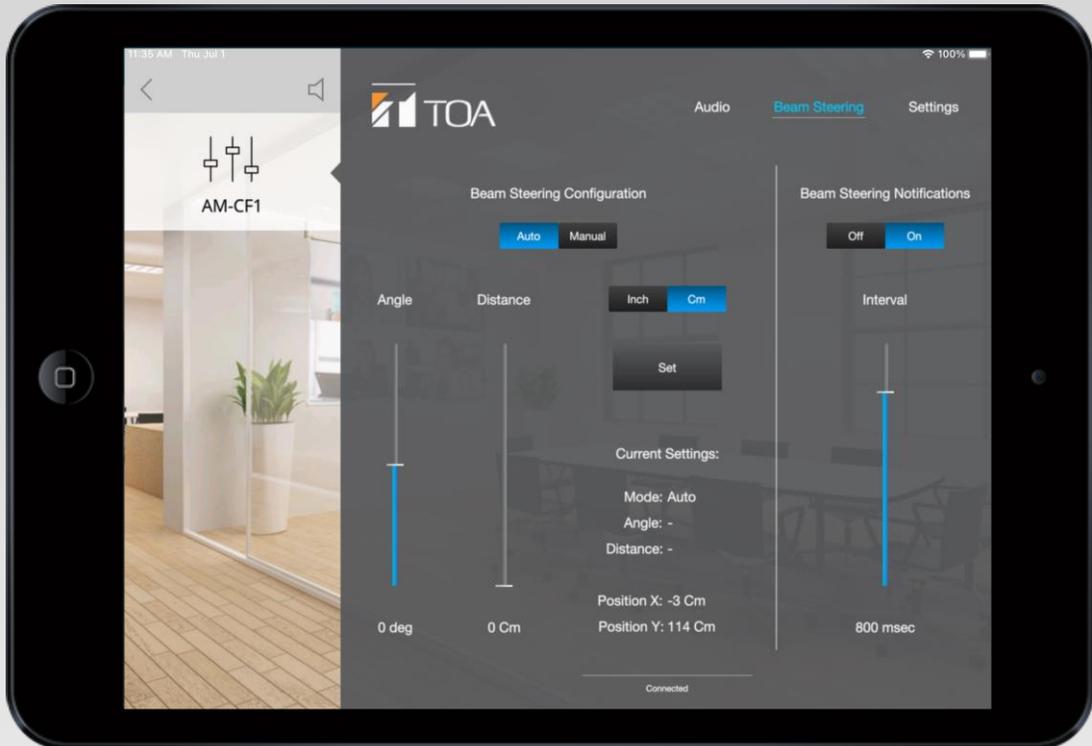
G. The Compass iPad must be powered on and in the Compass app to actively listen for beam steering status updates and control the KD-CamUSB

Program System

5

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TOA

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Integrated Conferencing System
Speaker & Microphone Beam Steering
with Auto PTZ Control
Step-By-Step Guide