Start

Step 1: Connect the USB adapter (No.12) to the iMageTech MCU 4 Wireless Meeting Speakerphone System.

Step 2: Press the “Bluetooth Speakerphone pairing button (No.8)” on the back for 3 seconds, and wait until “the Bluetooth connection status indicator (blue)” rapidly flashes, then it can automatically be mapped to the iMage A1/A2 Bluetooth Conference Speakerphone. Simply pair five sets of iMage A1/A2 Bluetooth Conference Speakerphones to S0, S1, S2, S3 and S4 in order (make sure that the iMage A1/A2 Bluetooth Conference Speakerphone is set to “Adpter mode” before pairing).

Step 3: Select audio source (Bluetooth, USB or video mode). You can select Bluetooth to connect mobile devices or USB devices to the computer, or connect a VCS using dedicated audio cables. If Bluetooth audio source is selected, please pair it using the Bluetooth audio source pairing button (No.10).
The iMageTech MCU4 Wireless Meeting Speakerphone System can quickly connect to the audio device you require through the “audio source selection switch (No.11)”; it provides three connection modes: Bluetooth, USB and VCS.

* Bluetooth mode: Press and hold the “Bluetooth audio source pairing button (No.10)” for 3 seconds to enter pairing mode to pair and use the device.
* USB mode: Simply connect the PC and the iMageTech MCU4 Wireless Meeting Speakerphone System with a USB cable.
* VCS mode: Please refer to the chapters “Connecting VCS” and “Wiring method”.

**Specification**

<table>
<thead>
<tr>
<th>Model:</th>
<th>Audio Input/Output Type:</th>
<th>Audio Output:</th>
<th>USB:</th>
</tr>
</thead>
<tbody>
<tr>
<td>iMageTech_MCU4_03</td>
<td>Bluetooth/Terminal/USB</td>
<td>Impedance: 600 Ω</td>
<td>Mini-USB Type B</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>Audio Performance:</td>
<td>Maximum Level: 0 dB</td>
<td>Antenna Type:</td>
</tr>
<tr>
<td>265mm X 127mm X 44.5mm</td>
<td>Sample rate: 16K</td>
<td></td>
<td>Build-in Antenna</td>
</tr>
<tr>
<td>Weight:</td>
<td>Crosstalk: 75dB</td>
<td></td>
<td>Power:</td>
</tr>
<tr>
<td>445±5g</td>
<td>SNR: 85dB</td>
<td></td>
<td>DC5v ±10%</td>
</tr>
<tr>
<td>Bluetooth Version:</td>
<td>Audio Mixer: 5 channel analog in/out</td>
<td></td>
<td>Operating Temperature:</td>
</tr>
<tr>
<td>Bluetooth v3.0+Eyro/AGHP V1.6</td>
<td>Audio Input: MIC in/Line In</td>
<td></td>
<td>0 ~ 60℃</td>
</tr>
<tr>
<td>Operating Frequency:</td>
<td>Maximum Level: 0 dB</td>
<td></td>
<td>Optional Accessories:</td>
</tr>
<tr>
<td>2402MHz-2480MHz</td>
<td></td>
<td></td>
<td>iMage A1/A2 Bluetooth Conference Speakerphone</td>
</tr>
<tr>
<td>Module Type:</td>
<td></td>
<td></td>
<td>PSTN/SIP Moduel</td>
</tr>
<tr>
<td>Bluetooth Specification V3.0 Class 2 and Class 3</td>
<td></td>
<td></td>
<td>Dial Pad</td>
</tr>
</tbody>
</table>

**Audio Input/Output Type:**
- Bluetooth/Terminal/USB
- Audio Input: MIC in/Line In
- Maximum Level: 0 dB

**Audio Performance:**
- Sample rate: 16K
- Crosstalk: 75dB
- SNR: 85dB

**Configuration & Admin Software:**
- iMageTech Audio Parameter Editor....TBD

**Control Ports:**
- Serial Command Protocol Only (Console software not supported on RS-232 port)
- DB-9 female - Reserve

**LED Indicator Bluetooth connection status display**

- Entering pairing mode: Flash rapidly
- Pairing successful: Light remains constantly
- Flash once every 5 seconds: No devices to pair

**Notes**

* This product must be used with iMage A1/A2 Bluetooth Conference Speakerphone and be set up by professional engineers before it can be used; please contact an engineer if you encounter any problems during use.
* When connecting with iMage A1/A2 Bluetooth Conference Speakerphone, the maximum distance allowed between the two is approximately 10 meters provided that there are no large objects (such as walls etc) or barriers in between them.
* iMageTech MCU4 Wireless Meeting Speakerphone System can be paired with a maximum of 5 iMage A1/A2 Bluetooth Conference Speakerphones. Please be careful to only pair one speakerphone at a time; when one speakerphone is successfully paired with the system, then proceed to pair the next one.
* If you are pairing your iMageTech MCU4 Wireless Meeting Speakerphone System and iMage A1/A2 Bluetooth Conference Speakerphone for the first time, it takes approximately 30~45 seconds to complete the pairing process; but if you have previously paired them before, pairing can be completed in approximately 10 seconds.

**Statement**

This product complies with the provisions of the low-power radio wave radiation Administrative Regulations Article XII-XIV etc.

* Without permission granted by the DGT, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to an approved low power radio-frequency devices.
* The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; If found, the user shall cease operating immediately until no interference is achieved.
* The said legal communications means radio communications is operated in compliance with the Telecommunications Act.
* The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated devices.

**Contact Us! Need more help? Please contact us now**

1. Website Introduction: http://www.iMagetech.com.tw (provides the newest support information and online user manual)
2. E-mail address: http://www.iMagetech.com.tw/contact.php
3. Please call: 886-2-27967771
4. Address 5F., No.16, Ln.15, Sec. 6, Minquan E. Rd., Neihu Dist., Taipei City 114
VCS wiring instructions (Cisco SX20, advision XT series)

VCS cable set is already included in the iMageTech MCU4 Wireless Meeting Speakerphone System product package, allowing you to connect to several frequently used VCS mode (Cisco SX20, Radvision XT series) directly. The following are the wiring methods and the reference figure for the corresponding pins.

Please note that the wiring of this product must be performed by a professional engineer in order to avoid misconnection resulting in function failure.

Cisco SX20

1. Cable required:

![Cisco SX20 Wiring Diagram]

2. Wiring instructions:
Connect the “+ (positive)” and “G (ground)” of the stripped wire connector to the corresponding iMageTech MCU4 Wireless Meeting Speakerphone System terminal ports; insert the 3.5mm terminal directly into the Audio In/Out of Cisco SX20.

Radvision XT series (XT5000, XT4200)

1. Cable required:

![Radvision XT Series Wiring Diagram]

2. Wiring instructions:
Connect the “+ (positive)” and “G (ground)” of the stripped wire connector to the corresponding iMageTech MCU4 Wireless Meeting Speakerphone System terminal ports; insert the 3.5mm terminal directly into the Audio In/Out of Radvision XT series.
VCS Wiring (other models)

If your VCS is another model, you can still use the following wiring method to connect and use with the iMageTech MCU4 Wireless Meeting Speakerphone System; the following is the reference figure for the corresponding wiring pins.

Note! The output/input terminal audio values and standards of different VCS may differ; please first refer to the user manual of the VCS you want to connect to.

Balanced connection

- Connect to VCS Audio Out
- Connect to VCS Audio In

Unbalanced connection

- Connect to VCS Audio Out
- Connect to VCS Audio In

Terminal connection

When connecting, please note that the order from left to right is negative, positive and ground respectively.

Independent audio output connection (balanced) (the reception of each iMage A1/A2 Bluetooth Conference Speakerphone can be output to external audio equipment independently)

- Connect to external audio equipment or VCS Audio In
- Connect to VCS Audio Out

Independent audio output connection (unbalanced) (the reception of each iMage A1/A2 Bluetooth Conference Speakerphone can be output to external audio equipment independently)

- Connect to external audio equipment or VCS Audio In
- Connect to VCS Audio Out