Using Sonos CONNECT with CobraNet Product Bulletin

Content

Last modified: 07/14/16

Introduction

When using the Sonos CONNECT with CobraNet, use the CS-iMR WOB and CS-MR-8's configurable in/out ports (flexports).
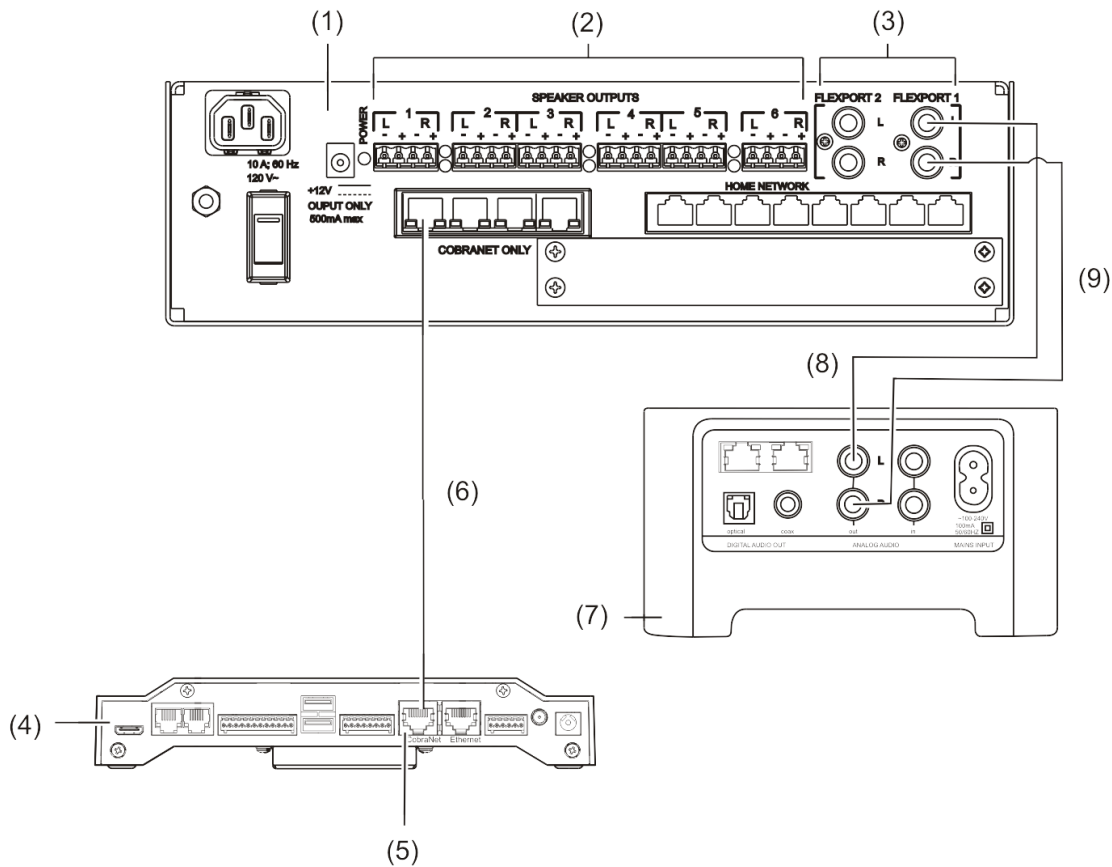
Using Sonos CONNECT with CobraNet and the CLIQ.host

Attach the Sonos CONNECT to the CLIQ.host, before configuring the flexports in Fusion.

To use the Sonos CONNECT with a CS-iMR on the CLIQ.host:

1. Connect an Ethernet cable to the CLIQ.host CobraNet port, and then connect the opposite end of the cable to the CobraNet port on the CS-iMR. See Figure 1, item 5.

2. Connect the left channel cable to the desired left channel flexport (1 or 2) on the CS-iMR, and the opposite end of the cable to the left channel out port on the Sonos CONNECT. See Figure 1, item 8.

3. Connect the right channel cable to the to the right channel flexport on the CS-iMR, and the opposite end of the cable to the right channel port out on the Sonos CONNECT. See Figure 1, item 9.

**Figure 1: CLIQ.host with the Sonos CONNECT and CS-iMR**

(1) CM-iMR	(5) CobraNet port
(2) Speaker outputs	(6) Ethernet cable
(3) Audi flexports	(7) Sonos CONNECT
(4) CLIQ.host	(8) Left audio channel cable
	(9) Right audio channel cable

To use the Sonos CONNECT with an MR-8 on the CLIQ.host using L and R audio channels:

1. Connect an Ethernet cable to the CLIQ.host CobraNet port, and then connect the opposite end of the cable to the CobraNet data switch.
   See Figure 2, items 7 and 8.

2. Connect another Ethernet cable to the CobraNet port on the CS-MR-8, and then connect the opposite end to the data switch.
   See Figure 2, items 8 and 9.

3. Connect the left channel cable to the desired left channel flexport on the CS-MR-8, and the opposite end of the cable to the left channel out port on the Sonos CONNECT. See Figure 2, item 3.

4. Connect the right channel cable to the to the right channel flexport on the CS-MR-8, and the opposite end of the cable to the right channel port out on the Sonos CONNECT. See Figure 2, item 2.

Figure 2: CLIQ.host with the Sonos CONNECT and CS-MR-8 using L and R audio channels
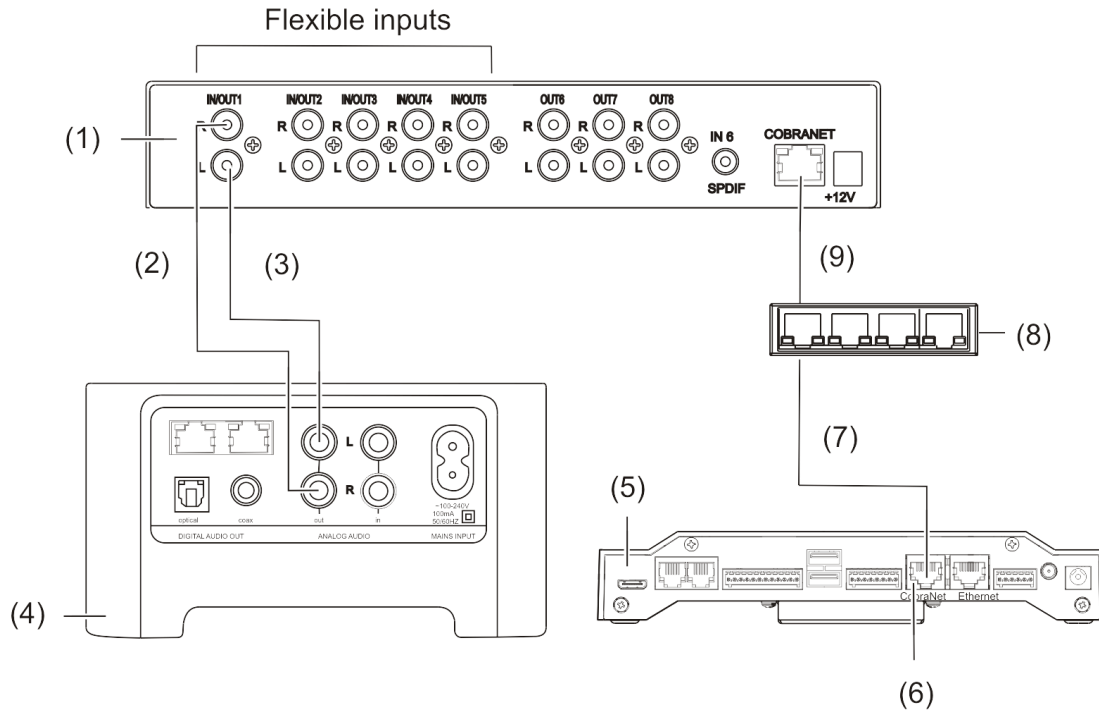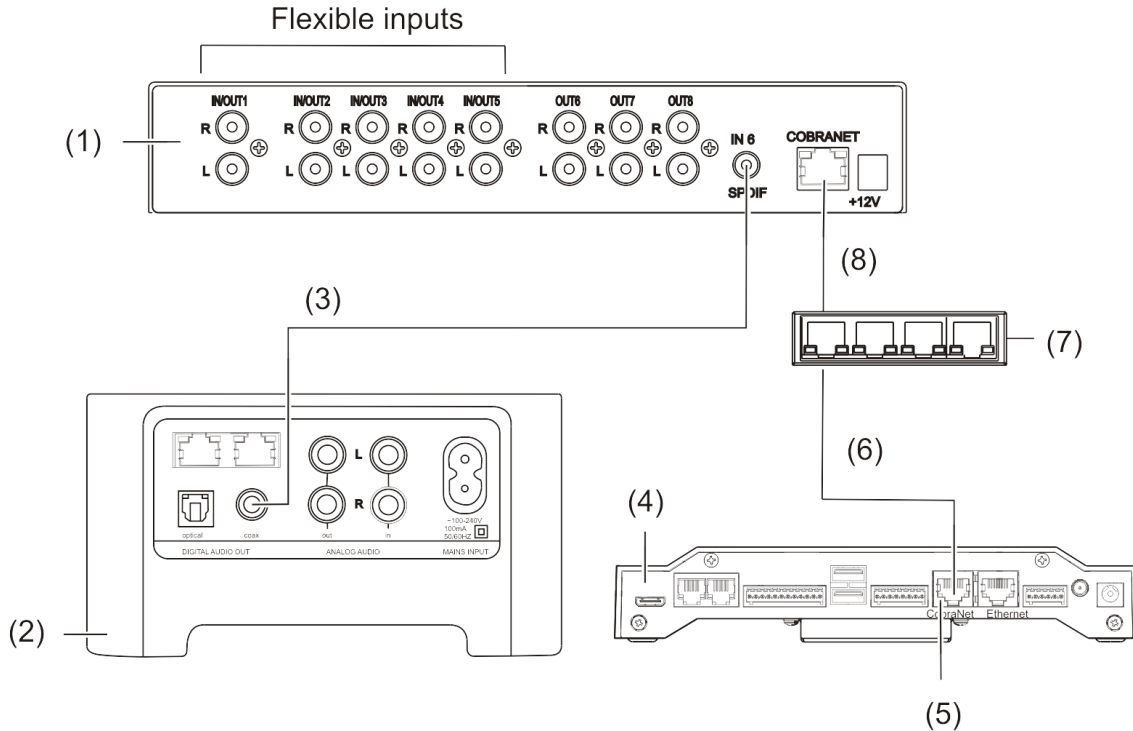

(1) CS-MR-8	(6) CobraNet port
(2) Right channel cable	(7) Ethernet cable
(3) Left channel cable	(8) CobraNet data switch
(4) Sonos CONNECT	(9) Ethernet Cable
(5) CLIQ.host	

To use the Sonos CONNECT with an MR-8 on the CLIQ.host using SPDIF:

1. Connect an Ethernet cable to the CLIQ.host CobraNet port, and then connect the opposite end of the cable to the CobraNet data switch.
    See Figure 3, items 6 and 7.

2. Connect another Ethernet cable to the data switch, and then connect the opposite end to the CobraNet port on the CS-MR-8.
    See Figure 3, items 7 and 8.

3. Connect a Digital Coaxial Audio cable to the SPDIF port on the CS-MR-8, and then attach the opposite end to the COAX port on the Sonos CONNECT. See Figure 3, item 3 (on page 4).

Figure 3: CLIQ.host with the Sonos CONNECT and CS-MR-8 using SPDIF

(1)	CS-MR-8	(5)	CobraNet port
(2)	Sonos CONNECT	(6)	Ethernet cable
(3)	Digital Coaxial Audio cable	(7)	CobraNet data switch
(4)	CLIQ.host	(8)	Ethernet cable

## Using Sonos CONNECT with CobraNet and the CLIQ.mini

Attach the Sonos CONNECT to the CLIQ.mini before configuring the flexports in Fusion.

To use the Sonos CONNECT with a CS-iMR on the CLIQ.mini:

1. Connect an Ethernet adapter cable (Clare p/n TU-2ET100) to USB port 2 on the CLIQ.mini. See Figure 4, item 5 and Figure 5, item 2.

2. Connect an Ethernet cable to the CobraNet port on the CS-iMR, and then connect the opposite end to the Ethernet adapter cable on the CLIQ.mini. See Figure 4, item 6.

3. Connect the left channel cable to the desired left channel flexport (1 or 2) on the CS-iMR, and the opposite end of the cable to the left channel port out on the Sonos CONNECT. See Figure 3, item 8.

4. Connect the right channel cable to the to the right channel flexport on the CS-iMR, and the opposite end of the cable to the right channel port out on the Sonos CONNECT. See Figure 3, item 9.
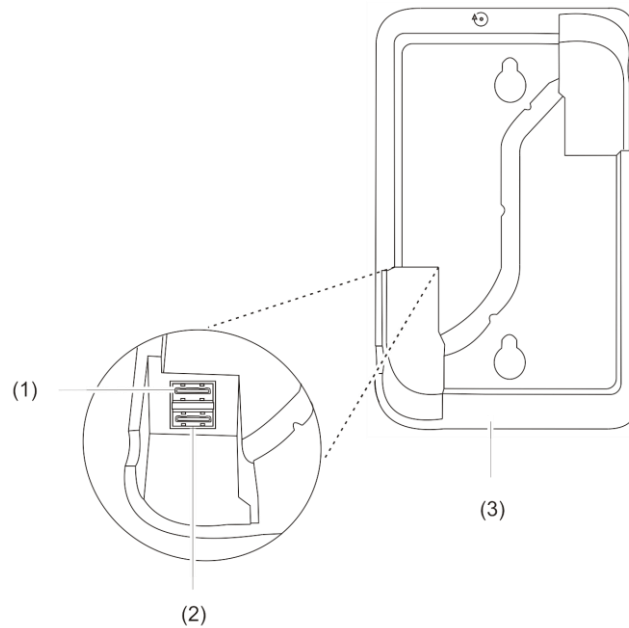
Figure 4: CLIQ.mini with the Sonos CONNECT and CS-iMR
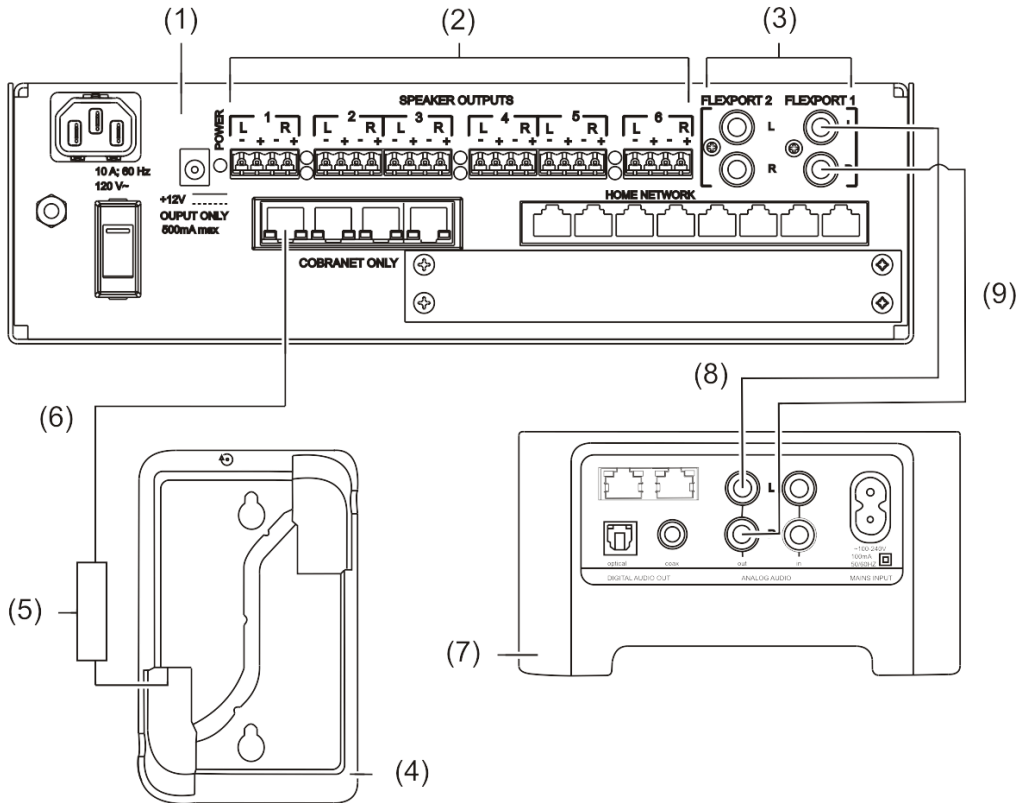
(1) CM-iMR	(6)	Ethernet cable
(2) Speaker outputs	(7)	Sonos CONNECT
(3) Audio flexports	(8)	Left audio channel cable
(4) CLIQ.mini	(9)	Right audio channel cable
(5) Ethernet adapter cable (p/n CH-SEC-USB-01)		

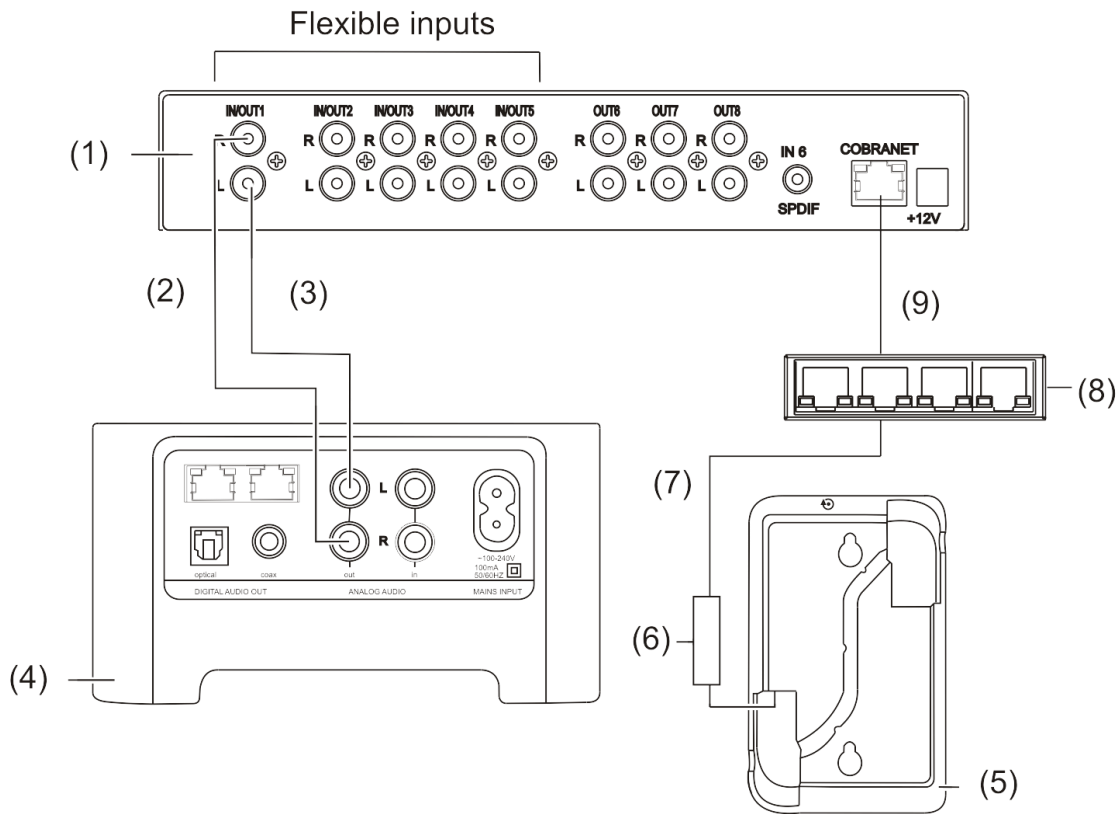**Figure 5: CLIQ.mini Ethernet adapter cable connection**

(1) USB port 1
(2) USB port 2
(3) CLIQ.mini

To connect the Sonos CONNECT to the CLIQ.mini using a CS-MR-8 with L and R audio channel cables:

1. Connect an Ethernet adapter cable (Clare p/n CH-SEC-USB-01) to USB port 2 on the CLIQ.mini. See Figure 5, item 2 and Figure 6, item 6.

2. Connect an Ethernet cable to the CobraNet port on the CS-MR-8, and then connect the opposite end to the CobraNet date switch.
    See Figure 6, item 9.

3. Connect another Ethernet cable to the data switch, and then connect the opposite end to the Ethernet adapter cable on the CLIQ.mini.
    See Figure 6, item 7.

4. Connect the left channel cable to the desired left channel flexport (1 or 2) on the CS-MR-8, and the opposite end of the cable to the left channel port out on the Sonos CONNECT. See Figure 6, item 3.

5. Connect the right channel cable to the to the right channel flexport on the CS-MR-8, and the opposite end of the cable to the right channel port out on the Sonos CONNECT. See Figure 6, item 2.

Figure 6: CLIQ.mini with the Sonos CONNECT and CS-MR-8 using L and R audio channels
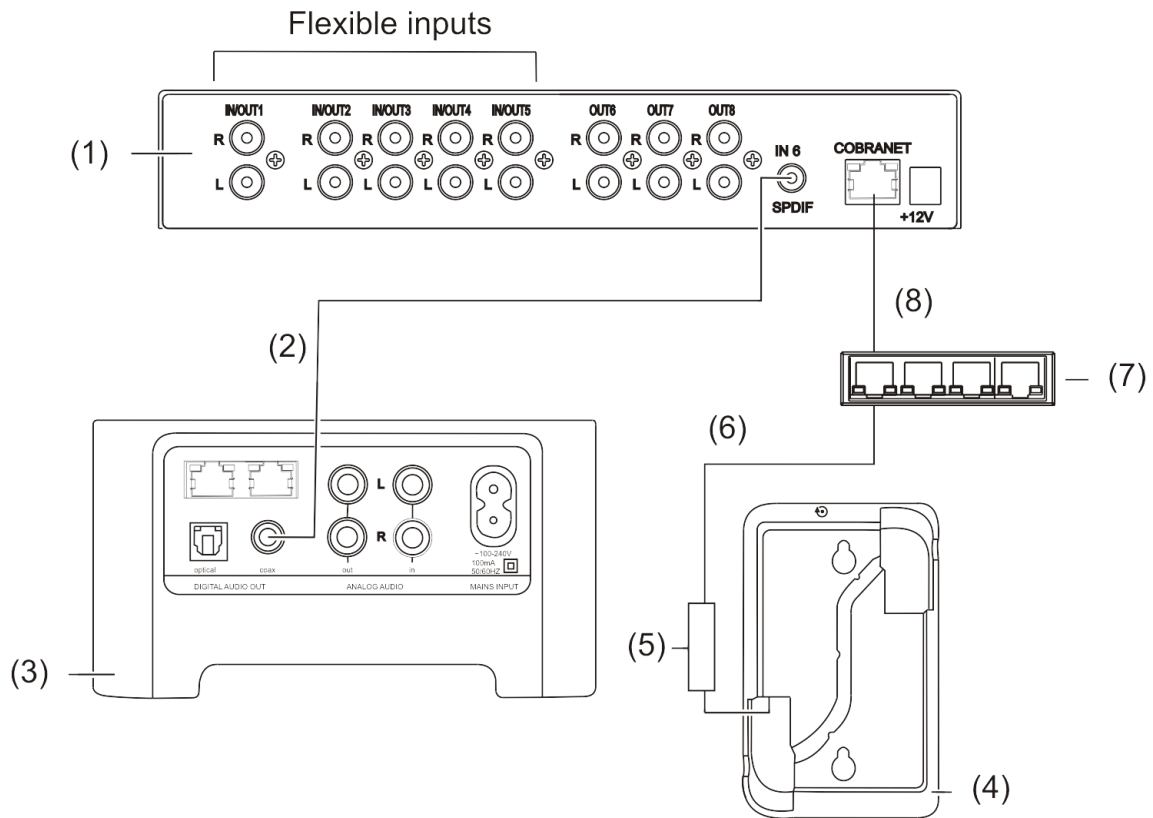

(1) CS-MR-8	(6) Ethernet adapter cable
(2) Right audio channel cable	(p/n CH-SEC-USB-01)
(3) Left audio channel cable	(7) Ethernet cable
(4) Sonos CONNECT	(8) CobraNet data switch
(5) CLIQ.mini	(9) Ethernet cable

To use the Sonos CONNECT with an MR-8 on the CLIQ.mini using SPDIF:

1. Connect an Ethernet adapter cable to USB port 2 on the CLIQ.mini. See Figure 7, item 5 and Figure 5, item 2 (on page 8).

2. Connect an Ethernet cable to the CobraNet port on the CS-MR-8, and then connect the opposite end to the CobraNet data switch. See Figure 7, item 8.

3. Connect another Ethernet adapter cable on the CLIQ.mini, and then connect the opposite end to the data switch. See Figure 7, item 6.

4. Connect a Digital Coaxial Audio cable to the SPDIF port on the CS-MR-8, and then attach the opposite end to the COAX port on the Sonos CONNECT. See Figure 7, item 2.

Figure 7: CLIQ.mini with the Sonos CONNECT and CS-MR-8 using SPDIF

|			
(1)	CS-MR-8	(5)	Ethernet adapter cable
(2)	Digital Coaxial Audio cable	(6)	Ethernet cable
(3)	Sonos CONNECT	(7)	CobraNet data switch
(4)	CLIQ.mini	(8)	Ethernet cable

Configuring Sonos CONNECT with flexports in Fusion

The CS-iMR device has 2 configurable flexports. The CLIQ device must be connected to Sonos before configuring the flexports in Fusion.

To configure the flexports in Fusion with a CS-iMR:

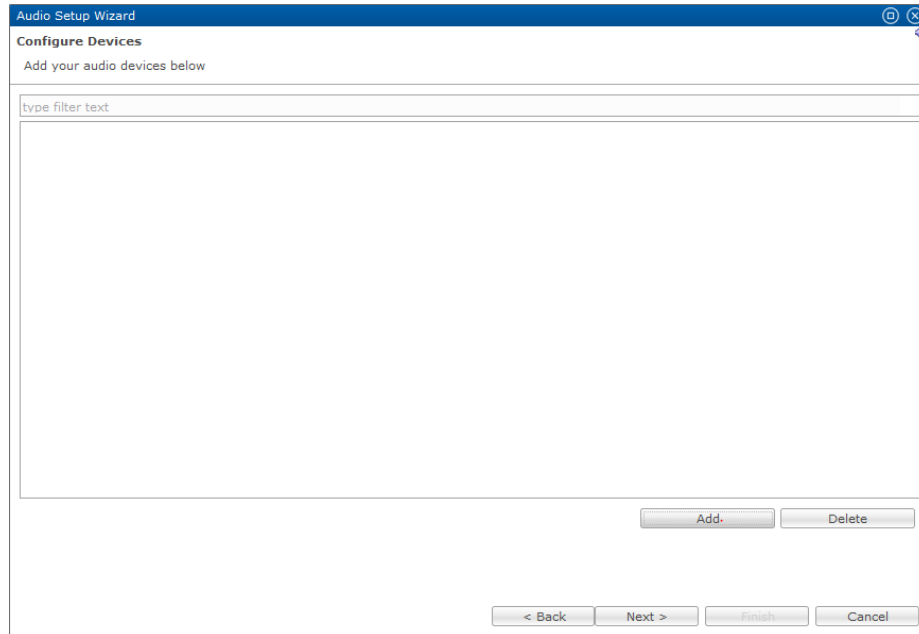1. Access your project in Fusion, and then click the **Open Audio Setup Wizard icon** .

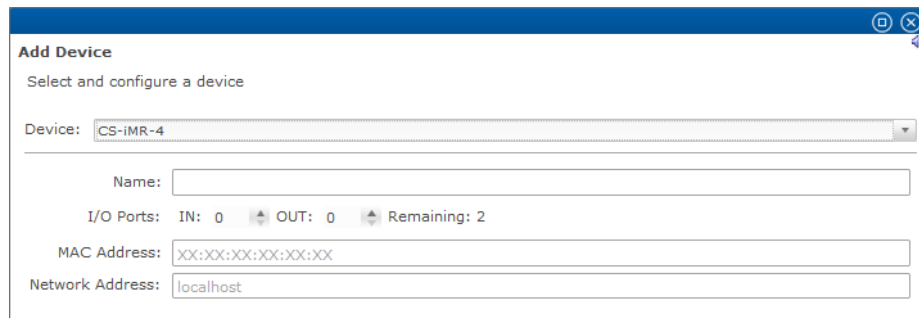2. Select Sonos with CobraNet, and then click **Next**.
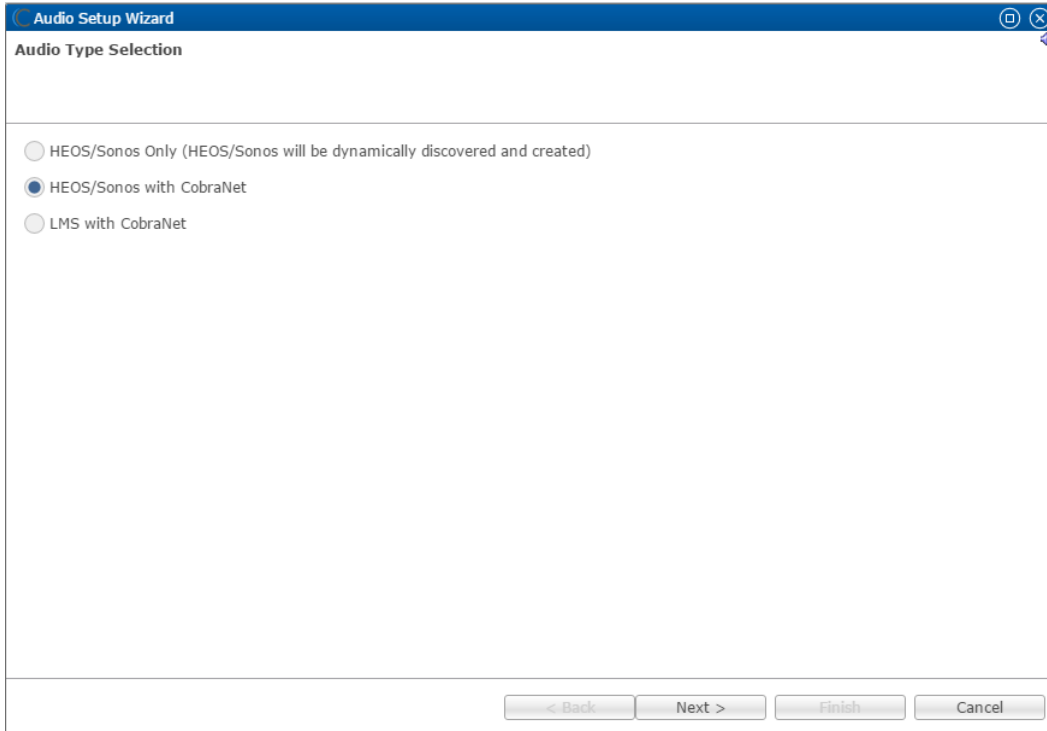
3. In the left column, select your Sonos device and other desired audio input devices, and in the right column, select the output areas.
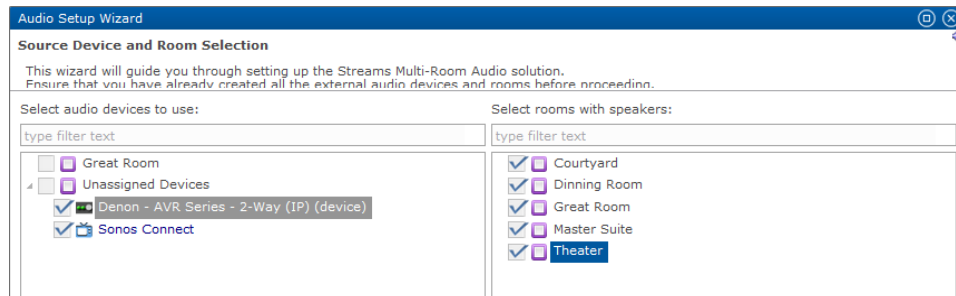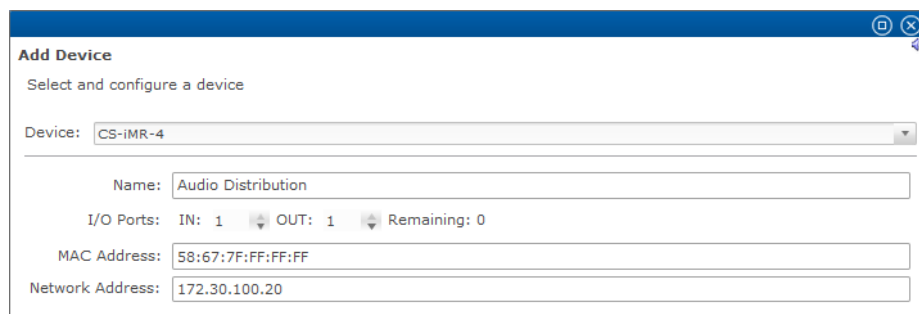
4. Click **Next**.

5. Click **Add**, and then select the CS-iMR in the device drop-down.
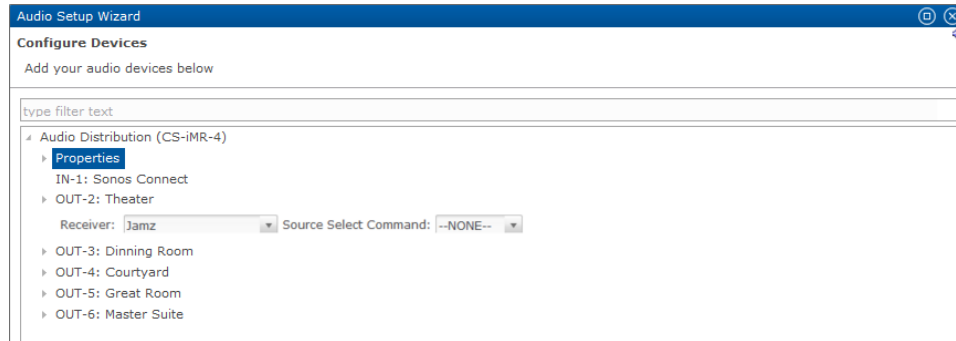
   The device's configurable details display.

6. Enter a name for the device, select the number of IN and OUT ports, and then enter the MAC and Network address of the CS-iMR.

   Note: The CS-iMR has 2 configurable flexports, but one port must be set as an input.

7. Click **Add Device**, and then expand the device and properties to view the IN and OUT ports available.
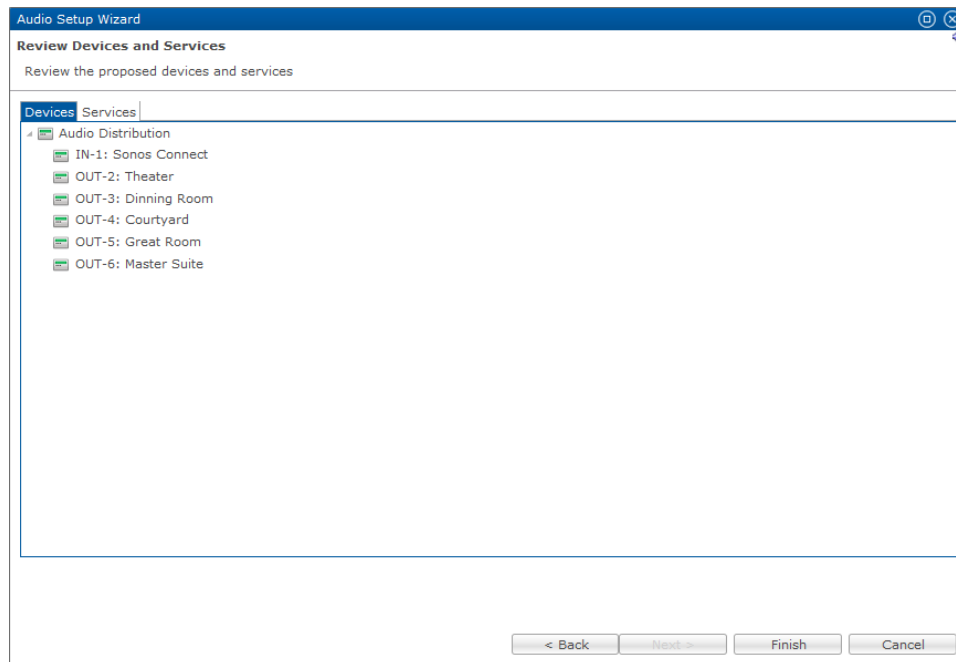

8. Select the Sonos CONNECT in the **IN-1** field.

9. Select the desired area for the first **OUT** field, and then expand it and select the desired output device.

   Repeat step 9 for each desired output.

10. Click outside of the last box configured, and then click **Next**.

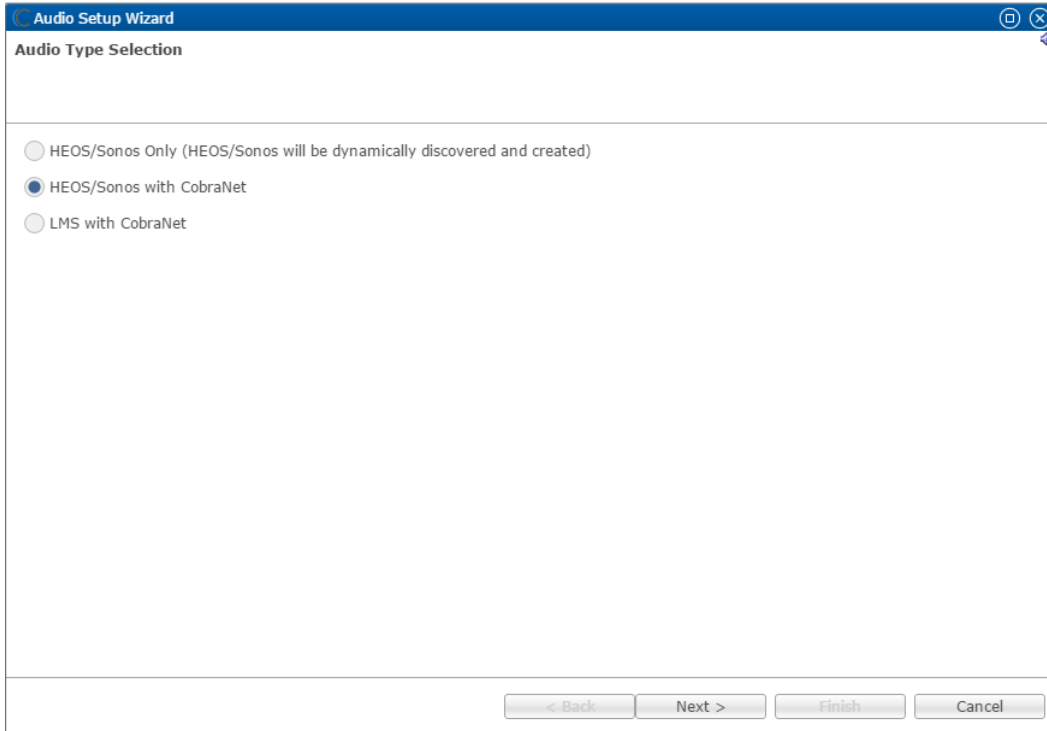   A list of proposed devices and services displays.

11. Click **Finish**.

    The audio services are created for you.

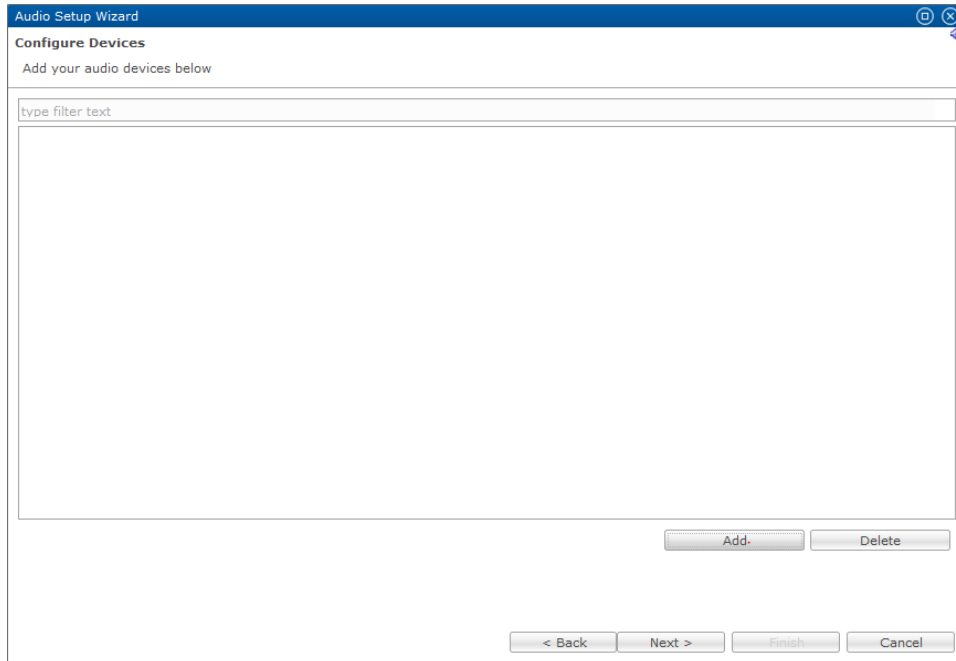**To configure the flexports in Fusion with a CS-MR-8:**

1. Access your project in Fusion, and then click the **Open Audio Setup Wizard icon** .

2. Select HEOS/Sonos with CobraNet, and then click **Next**.

3. In the left column, select your Sonos device and other desired audio input devices, and in the right column, select the output areas.
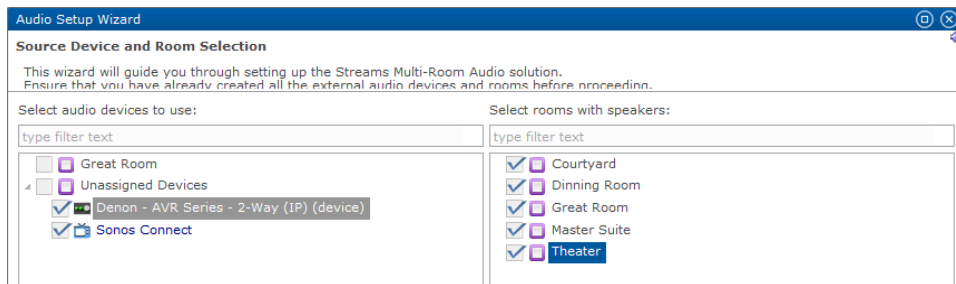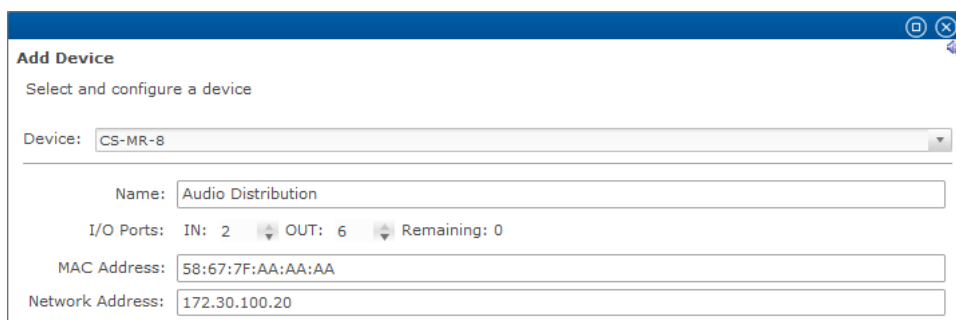
4. Click **Next**.

5. Click **Add**, and then select the CS-MR-8 in the device drop-down.

   The device's configurable details display.

6. Enter a name for the device, select the number of IN and OUT ports, and then enter the MAC and Network address of the CS-MR-8.

   Note: The CS-MR-8 has 5 configurable flexports and must have at least 3 outputs.

7. Click **Add Device**, and then expand the device and properties to view the IN and OUT ports available.
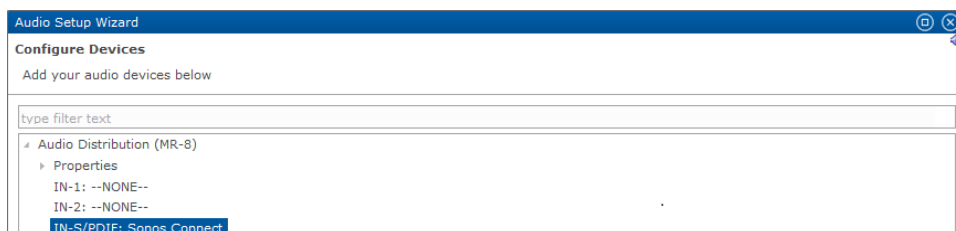
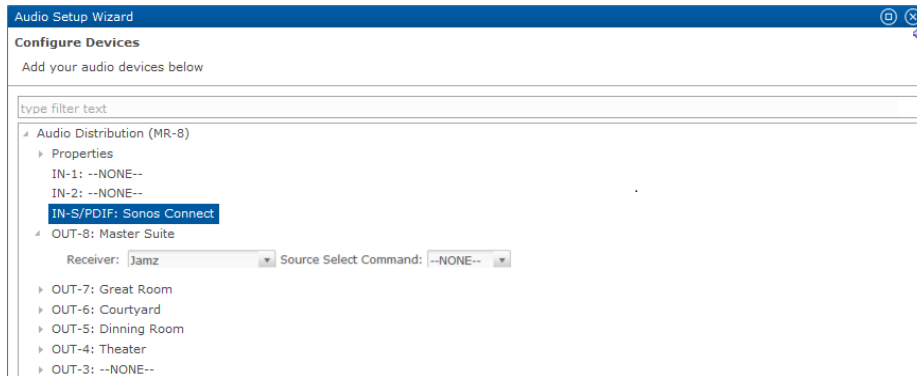8. Select the Sonos CONNECT in the **IN-1** field.

   – or –

   Select Sonos in the **IN-SPDIF** field.

   Note: The SPDIF can only be selected if the Sonos CONNECT is connected to the SPDIF on the CS-MR-8.
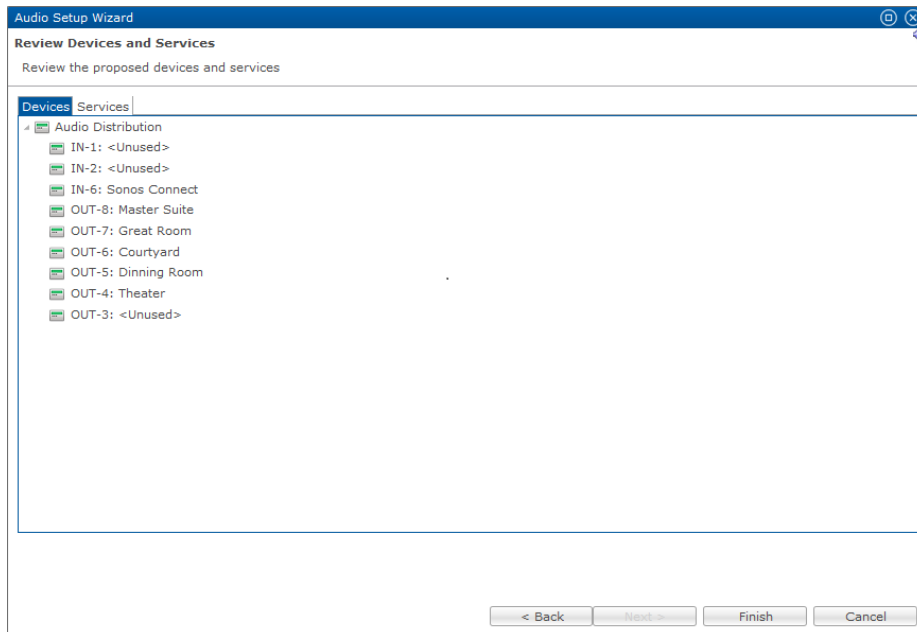
9. Select the desired area for the first **OUT** field, and then expand it and select the desired output device.

   Repeat step 9 for each desired device.

10. Click outside of the last box configured, and then click **Next**.

    A list of proposed devices and services displays.

11. Click **Finish**.

    The audio services are created for you.

Contact information

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