

## <u>VCube と 3rd Party DAWのシンク方法</u>

## PCの接続

VCube PCとDAWがインストールされているPC(Mac)をイーサネットで接続します。 ※ RAVENNAネットワークとは共用しないでください。

## **VCube側の設定**

rtpMIDI をインストールします。

rtpMIDIを開き、New Session を作成し、シンクしたいシステムの名前をDirectoryで選択してConnect をクリックします。

| My Sessions                          | Session                            |  |                           |
|--------------------------------------|------------------------------------|--|---------------------------|
| MTC_In VCube                         | I                                  | Enabled                                    | Port: 5004                |
| A                                    | Local name:                        | MTC_In VCube                               | B                         |
|                                      | Bonjour name:                      | MTC_In VCube                               | ľ                         |
| + -                                  | Participants:                      | Name                                       | Latency                   |
| Directory                            |                                    | Merging's Mac                              |                           |
| Parato PODETC setc                   |                                    |  |                           |
|                                      |                                    | 19   |                           |
|                                      |                                    |  | Disconnect                |
|                                      |                                    |  |                           |
|                                      | Address: Origna                    | W 10:5004                                  |                           |
| ~                                    | Address: Origna<br>169.2<br>10.0.0 | W 10:5004<br>54.61.118:5004<br>0.143:5004  |                           |
| + Connect                            | Address: Origna<br>169.2<br>10.0.0 | IW 10:5004<br>54.61.118:5004<br>0.143:5004 |                           |
| + - Connect<br>Who may connect to me | Address: Origna<br>169.2<br>10.0.0 | IW 10:5004<br>54.61.118:5004<br>0.143:5004 | $\sim \rightarrow < \sim$ |

VCubeを起動し、設定 > フォーマット&シンク > MIDI Timecode Input でrtpMIFIで作成したMIDI セッションを選択します。



| ettings                    |                           | ×   |   |
|----------------------------|---------------------------|-----|---|
|                            | 🔋 📓 📾 🗉 🖳 🔮 러 내 🚧 🛤 V 🍫 🕢 | 4 6 |   |
| Composition Audio Format   |                           |     |   |
|                            |                           |     |   |
|                            |                           |     |   |
|                            |                           |     |   |
| Height                     | 576                       |     |   |
| Field Order                | Upper Field First         | -   |   |
| Pixel AspectRatio          | D1/DV PAL (1.067)         | -   | Internal Machine  |
|                            | PAL (25 fps)              |     | 00:00:00:00 In In 00:00:00  |
|                            |                           |     | STOP - 0.00 % Set Gata<br>UnLocked Out Out 00:00:00:0               |
| Synchronization - Timecode | (Incoming and Outgoing)   |     |   |
|                            |                           | -   | Chase Chase Officet Store Date                                      |
|                            | Soft                      | - 4 | +00:00:00:00 +++++ +00:00:00:00                                     |
|                            |                           |     | EXT 00:00:00  |
|                            |                           |     |   |
|                            |                           |     |   |
|                            |                           | -   |   |
|                            |                           | -   | Midi Dort Selection   |
|                            |                           |     |   |
|                            |                           |     | MTC_In VCube  |
| Nidi Time Code Input       | Settings                  |     | Euphonix EuMidi2  |
|                            |                           |     | Euphonix EuMidi4  |
|                            |                           | 51  | Euphonix EuMidi5 Euphonix EuMidi6 Euphonix EuMidi6 Euphonix EuMidi6 |
|                            |                           | _   | Euphonix EuMidi7  |
|                            |                           |     | 01 Ethernet MIDI  |
|                            |                           |     | MTC_In VCube  |

## Mac 側の 設定

**%** 

Audio MIDI Setupを開き、MIDI Studio > Network に行きます。 新しい Session を作成し、同期したいシステムの名前を含むディレクトリに接続します。

| 000       |               | MIDI       | Studio        |                 |                  |         |
|-----------|---------------|------------|---------------|-----------------|------------------|---------|
|           | Default       | ۵          |               |                 | ₹ 🖴              | ?       |
| Icon Size | Configuration | Add Device | Remove Device | Show Info Resca | n MIDI Test Setu | ıp Help |
| Bluetooth | IAC Driver    |            |               | Box USB         |                  |         |





|                                     | VIDI Network Setup                          |                         |        |                                     |
|-------------------------------------|---|-------------------------|--------|-------------------------------------|
| My Sessions                         | Session                                     |                         |        |                                     |
| Horus_MTC_in                        | ?   | C Enabled               | Port:  | 5004                                |
| Horus_MTC_out  Merging's Mac        | Local name:                                 | Merging's Mac           |        |                                     |
|                                     | Bonjour name:                               | Merging's Mac           |        |                                     |
| + -                                 |   | Name                    |        | Latency adj.                        |
|                                     | Deuticic entry                              | MTC In VCube            |        | 0 ms                                |
| Directory                           | Participants:                               | WITC III VCube          |        | Disconnect                          |
| Directory  MTC_In Voube  .  Connect | Latency: ms 1000 ;<br>Address: mergin;      | 500 100 50 10<br>g:5004 | 3      | Disconnect                          |
| MTC_In Voube                        | Latency:<br>ms 1000 g Address: merging Live | 500 100 50 10<br>g:5004 | 1<br>3 | Disconnect<br>0 -3 -10 -5<br>○ → () |

DAWを起動し、MTC Reader and Generator ポートに、作成したApple MIDI Sessionを選択します。

ProToolsの場合、Setup > Peripherals でMTCをApple MIDI Session に選択します。

| Pre-roll         0:00.00           Post-roll         0:00.00           Fade-in         0:00.22 | Start         0:00.000           End         0:00.000           Length         0:00.000 |                                | 0:00.000 -<br>1  1  000 - |            | t Off<br>Meter<br>empo J ▼ 120 | 2 bars<br>4/4<br>0.0000 |
|--|---|--------------------------------|---------------------------|------------|--------------------------------|-------------------------|
|  |   | Peripherals                    |                           | _          |                                |                         |
| Synchronization Ma   | achine Control MIDI Controller  | s Ethernet Controllers         | Mic Preamps               | Satellites | VENUE                          | Atmos                   |
|  | MTC Reader And Generator  |                                |                           |            |                                |                         |
| MTC Reader Port: Network,Merging'sMac  MTC Generator Port: Network,Merging'sMac                |   |                                |                           |            |                                |                         |
|  | Avid Synchronization Device   |                                |                           |            |                                |                         |
|  | Enable SYNC HD  |                                |                           |            |                                |                         |
|  | VITC Insertion Enabled  | LTC Output Level:              |                           | -          |                                |                         |
|  | Pitch Memory Enabled  | VITC Read Lines:               |                           | -          |                                |                         |
|  | Idle MTC Enabled  | VITC Generate Lines:           |                           | *          |                                |                         |
|  |   | Bi-Phase/Tach Wiring:          |                           | <b>_</b>   |                                |                         |
|  | Bi-Ph   | ase/Tach Pulses/Frame (2-254): |                           |            |                                |                         |
|  |   |                                | Reset Bi-Phas             | se         |                                |                         |
|  | Enable Dub Window   |                                |                           |            |                                |                         |
|  | Vertical Position:  | Size:                          |                           |            |                                |                         |
|  | Horizontal Position:  | Color:                         |                           |            |                                |                         |
|  |   |                                |                           |            |                                |                         |
|  |   |                                |                           |            |                                |                         |
|  |   |                                |                           |            |                                |                         |
|  |   |                                |                           |            |                                |                         |
|  |   |                                |                           |            |                                |                         |
|  |   |                                |                           |            |                                |                         |
|  |   |                                |                           |            |                                |                         |
|  |   |                                |                           |            | Cancel                         | OK                      |

Control Contro T : 03-5723-8181 F : 03-3794-5283 U : http://www.dspj.co.jp



Logic Pro Xの場合、File > Project Settings > Synchronisation > MIDI でMTCのApple MIDI Session を Enableにします。



