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# SAFETY INSTRUCTIONS FOR LOUDSPEAKERS/ELECTRONICS

## SYMBOLS USED

These symbols indicate important safety or operating features in this booklet and on the chassis:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Frame or chassis</th>
<th>Protective earth ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Dangerous voltages: risk of electric shock]</td>
<td>Important operating instructions</td>
<td>Masse, châssis</td>
<td>Terre de protection</td>
</tr>
<tr>
<td>![Pour indiquer les risques résultant de tensions dangereuses]</td>
<td></td>
<td>Rahmen oder chassis</td>
<td>Die schutzerde</td>
</tr>
<tr>
<td>![Para indicar voltajes peligrosos]</td>
<td>Instrucciones importantes de funcionamiento y/o manteniento</td>
<td>Armadura o chassis</td>
<td>Tierra proteccionista</td>
</tr>
</tbody>
</table>
SAFETY INSTRUCTIONS FOR LOUDSPEAKERS/ELECTRONICS

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with Meyer Sound’s installation instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
9. Do not defeat the safety purpose of the grounding-type plug. A grounding-type plug has two blades and a third grounding prong. The third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. The AC mains plug or appliance coupler shall remain readily accessible for operation.
12. Use only with the caster rails or rigging specified by Meyer Sound, or sold with the apparatus. Handles are for carrying only.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug has been damaged; liquid has been spilled or objects have fallen into the apparatus; rain or moisture has entered the apparatus; the apparatus has been dropped; or when for undetermined reasons the apparatus does not operate normally.

**WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Do not install the apparatus in wet or humid locations without using weather protection equipment from Meyer Sound.

**POWERCON USE CAUTION**

Disconnect the mains plug before disconnecting the power cord from the device.
SAFETY INSTRUCTIONS FOR LOUDSPEAKERS/ELECTRONICS

ENGLISH

- To reduce the risk of electric shock, disconnect the apparatus from the AC mains before installing audio cable. Reconnect the power cord only after making all signal connections.
- Connect the apparatus to a two-pole, three-wire grounding mains receptacle. The receptacle must be connected to a fuse or circuit breaker. Connection to any other type of receptacle poses a shock hazard and may violate local electrical codes.
- Do not install the apparatus in wet or humid locations without using weather protection equipment from Meyer Sound.
- Do not allow water or any foreign object to get inside the apparatus. Do not put objects containing liquid on or near the unit.
- To reduce the risk of overheating the apparatus, avoid exposing it to direct sunlight. Do not install the unit near heat-emitting appliances, such as a room heater or stove.
- This apparatus contains potentially hazardous voltages. Do not attempt to disassemble the unit. The unit contains no user-serviceable parts. Repairs should be performed only by factory-trained service personnel.

FRANÇAIS

- Pour réduire le risque d’électrocution, débrancher la prise principale de l’haut-parleur, avant d’installer le câble d’interface
- allant à l’audio. Ne rebrancher le bloc d’alimentation qu’après avoir effectué toutes les connections.
- Branchez l’haut-parleur dans une prise de courant à 3 dérivations (deux pôles et la terre). Cette prise doit être munie d’une protection adéquate (fusible ou coupe-circuit). Le branchement dans tout autre genre de prise pourrait entraîner un risque d’électrocution et peut constituer une infraction à la réglementation locale concernant les installations électriques.
- Ne pas installer l’haut-parleur dans un endroit où il y a de l’eau ou une humidité excessive.
- Ne pas laisser de l’eau ou tout objet pénétrer dans l’haut-parleur. Ne pas placer de récipients contenant un liquide sur cet appareil, ni à proximité de celui-ci.
- Pour éviter une surchauffe de l’haut-parleur, conserver-la à l’abri du soleil. Ne pas installer à proximité d’appareils dégageant de la chaleur tels que radiateurs ou appareils de chauffage.
- Ce haut-parleur contient des circuits haute tension présentant un danger. Ne jamais essayer de le démonter. Il n’y a aucun composant qui puisse être réparé par l’utilisateur. Toutes les réparations doivent être effectuées par du personnel qualifié et agréé par le constructeur.
DEUTSCH

- Um die Gefahr eines elektrischen Schlages auf ein Minimum zu reduzieren, das Gerät vom Stromnetz trennen, bevor ein Audio- oder Netzwerkkabel angeschlossen wird. Das Netzkabel erst nach Herstellung aller Signalverbindungen wieder einstecken.

- Das Gerät an eine geerdete zweipolige Dreiphasen-Netzsteckdose anschließen. Die Steckdose muß mit einem geeigneten Abzweigsschutz (Sicherung oder Leistungsschalter) verbunden sein. Der Anschluß der unterbrechungsfreien Stromversorgung an einen anderen Steckdosentyp kann zu Stromschlägen führen und gegen die örtlichen Vorschriften verstoßen.

- Das Gerät nicht an einem Ort aufstellen, an dem es mit Wasser oder übermäßig hoher Luftfeuchtigkeit in Berührung kommen könnte.

- Darauf achten, daß weder Wasser noch Fremdkörper in das Innere des Geräts eindringen. Keine Objekte, die Flüssigkeit enthalten, auf oder neben die unterbrechungsfreie Stromversorgung stellen.

- Um ein Überhitzen des Geräts zu verhindern, das Gerät vor direkter Sonneneinstrahlung fernhalten und nicht in der Nähe von wärmeabstrahlenden Haushaltsgeräten (z.B. Heizgerät oder Herd) aufstellen.


ESPAÑOL

- Para reducir el riesgo de descarga eléctrica, desconecte de la red de voltaje el altoparlante antes de instalar el cable de señal de audio. Vuelva a conectar la alimentación de voltaje una vez efectuadas todas las interconexiones de señalización de audio.

- Conecte el altoparlante a un tomacorriente bipolar y trifilar con neutro de puesta a tierra. El tomacorriente debe estar conectado a la protección de derivación apropiada (ya sea un fusible o un disyuntor). La conexión a cualquier otro tipo de tomacorriente puede constituir peligro de descarga eléctrica y violar los códigos eléctricos locales.

- No instale el altoparlante en lugares donde haya agua o humedad excesiva.

- No deje que en el altoparlante entre agua ni ningún objeto extraño. No ponga objetos con líquidos encima de la unidad ni cerca de ella.

- Para reducir el riesgo de sobrecalentamiento, no exponga la unidad a los rayos directos del sol ni la instale cerca de artefactos que emiten calor, como estufas o cocinas.

- Este altoparlante contiene niveles de voltaje peligrosos en potencia. No intente desarmar la unidad, pues no contiene piezas que puedan ser reparadas por el usuario. Las reparaciones deben efectuarse únicamente por parte del personal de mantenimiento capacitado en la fábrica.
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CHAPTER 1: INTRODUCTION

Combining the key functionalities of the Compass software and the simplicity and mobility of the iPad, Compass Go makes system setup and tuning easier and more intuitive. Download the free app from the Apple App Store, and connect it to Galileo, Galileo Callisto, and Galileo GALAXY processors on the same Wi-Fi network.

You can now optimize your sound system using the following features:

- Adjust system delay, gain, and mute.
- Manage U-Shaping, TruShaping, Delay Integration, and Parametric EQ filter sets.
- See the current status of parameters and make real-time adjustments at control points.
- Recall snapshots of prior user settings.
- Create, edit, and store new snapshot settings in the individual processors.
- Move about freely with your iPad to analyze the array coverage and sound quality from different seating locations.

The Overview and EQ Pages are shown below.

Figure 1: Overview (left) and EQ (right) pages
CHAPTER 1: INTRODUCTION

COMPASS GO COMPATIBILITY

Compass Go software requires the following firmware versions:

- **GALAXY:** v1.3.0 (All models)
- **Bluehorn 816:** v1.3.0
- **Galileo/Callisto:** v3.12.0 or 3.12.1

HOW TO USE THIS MANUAL

Make sure to read these operating instructions in their entirety before using the Compass Go software. In particular, pay close attention to material related to safety issues.

As you read these operating instructions, you will encounter the following icons for notes, tips, and cautions:

- **NOTE:** A note identifies an important or useful piece of information relating to the topic under discussion.

- **TIP:** A tip offers a helpful tip relevant to the topic at hand.

- **CAUTION:** A caution gives notice that an action may have serious consequences and could cause harm to equipment or personnel, or could cause delays or other problems.

Information and specifications are subject to change. Updates and supplementary information are available at [www.meyersound.com](http://www.meyersound.com).

MEYER SOUND TECHNICAL SUPPORT

Meyer Sound Technical Support is available at:

- **Tel:** +1 510 486.1166
- **Tel:** +1 510 486.0657 (after hours support)
- **Web:** [https://meyersound.com/contact/](https://meyersound.com/contact/)
- **Email:** techsupport@meyersound.com
CHAPTER 2: OVERVIEW PAGE

To display the Overview page:

1. Select a device from the Devices page (Device Icon is at far left) by touching a Discovered Device.

   One device can be selected at a time. A green circle indicates the device is connected; a red rectangle indicates it is not connected.

![Figure 2: Overview page](image)

To display the Overview page from any other Compass page, tap the Overview Icon (highlighted in Figure 2) in the top menu bar.
The page is organized into one row of inputs, and two rows of outputs:

- Inputs A–H (GALAXY) and Inputs A–F (Galileo and Callisto) are on the top row.
- Outputs 1–8 are on the middle row.
- Outputs 9–16 are on the bottom row.

Each input/output channel has a meter showing its input/output level.

Each channel control is discussed below.

![Figure 3: Channel detail](image)

**EQ CURVE**

At the top of the channel, the EQ Curve is located in a small rectangle. Tapping the EQ curve displays the EQ page for that channel (see Chapter 4: *EQ Page*).
**GAIN SETTING**
To adjust the channel gain, do either of the following:

1. Tap the gain value.
   A blue rectangle surrounds the gain value.

2. Drag up/down to increase/decrease the value.
   The gain can be in the range -90 dB to +10 dB.
   - OR -

   1. Double-tap the gain value.
      A numeric pad opens.

   2. Enter a new gain setting.
      The +/- button toggles between positive and negative values.
      Note that when no sign is shown, the value is interpreted as negative.

3. Touch **Done** when finished.

**SEL/ISO/MUTE STATUS**
Sel/Iso/Mute controls all work the same. Each shows its active state with a solid colored rectangle surrounding it. Touch a control to toggle its value.

**CHANNEL NAME**
The default channel name is derived from its input/output channel number, but can be edited.

To assign a name to the channel:

1. Double-tap the channel name.
   The **Edit Channel Name** dialog opens.

2. Use the iPad keyboard to enter a new name.

3. Touch **Done** when finished.
OVERVIEW PAGE TOOLS

Tap the Tools icon at the top-right of the Overview Page to open the following dialog:

![Figure 4: Tools options from Overview Page](image)

**Show SIM3 Probe Channel Assignments**

Touch and drag the button to the right to show the SIM3 Probe Channel Assignment fields on the Overview Page.

Touch and drag the button to the left to conceal the SIM3 Probe Channel Assignment fields from displaying on the Overview Page.

The current SIM3 console and probe assignments determine which input and/or outputs display these assignment fields.

- If the **Processor Probe Point** is set for one of the output options, a **P** field appears only in the output cells.
- If the **Console Probe Point** is set for one of the output options, a **C** field appears only in the output cells.
- If the **Processor Probe Point** is set for one of the input options, a P field appears only in the input cells.

- If the **Console Probe Point** is set for one of the input options, a C field appears only in the input cells.

To assign a new channel to either probe point, touch a different channel’s C or P field.

The figure below shows the **Console Probe Channel** set to **Input C**, and the **Processor Probe Channel** set to **Output 3**.

![Table showing channel assignments](image)

*Figure 5: SIM3 Probe Point Assignments on the Overview Page*

**NOTE:** The field to the left of the highlighted P for Output 3 is gray (inactive) to signify that the Console Probe Point is set to an input. The Console and Processor Probe Point types can only be changed from the Tools menu or the Settings Page (see page 76).
**SIM3 Settings**

The current SIM3 Probe Point and Channel Settings are displayed. Touch any of them to open their assignment options.

When *Show SIM3 Probe Channel Assignments* is active, you can change the Console and Probe Channel assignments on the Overview Page by touching the C or P fields, respectively, on the desired cells.

**Control Sensitivity**

This sets the sensitivity for Compass Go’s touch controls.

Touch the current setting and choose Low, Medium, or High (default).

High sensitivity causes the fastest change in value per distance dragged.
CHAPTER 3: I/O PAGE

To display the I/O page:

- Tap the I/O Icon (highlighted in Figure 6) in the top menu bar from any Compass Go page. The I/O page appears with the Inputs or Outputs last displayed (Inputs A–H by default).

To select the eight Input or Output channels to display, do either of the following:

- Touch the desired tab in the center of the top menu bar: Inputs A–H, Outputs 1–8, Outputs 9–16
  - OR -

- Swipe the screen left/right to scroll to the previous/next eight I/O channels.

  In Figure 6, swiping to the right displays Outputs 1–8.

Figure 6: I/O page displaying Outputs 9–16

Input and Output channels have the same controls except Outputs have a Pol setting.
SEL-ISO STATUS GRID
The Sel-Iso Status grid appears in several windows. See page 26 for details.

DELAY
To adjust the channel delay, do either of the following:
1. Double-tap the delay value (at the top of the channel).
   A numeric pad opens.
2. Enter a delay amount.
   A +/- button toggles between negative and positive gain.
   Note that entering a value without a sign is interpreted as negative.
3. Tap Delay Unit to choose a unit from the following options:
   milliseconds, feet, meters, frames (24 fps, 25 fps, 30 fps), samples (96 kHz).
4. Tap Back to return to the Delay setting numeric pad.
5. Tap Done when finished.
   - OR -
1. Single-tap the delay value.
   An orange rectangle surrounds it.
2. Touch and drag left/right to increase/decrease the delay.
The maximum delay is 2000 ms for outputs, and 500 ms for inputs.

SEL/ISO/MUTE/POL
These controls are discussed on page 33.

LINK GROUP
This control is discussed on page 34.
FADER
The channel Fader appears in several windows. See page 28 for details.

I/O PAGE TOOLS
Tap the Tools icon at the top-right of the I/O Page to open the following dialog:

![Figure 7: Tools option from I/O Page](image)

Control Sensitivity
This sets the sensitivity for Compass Go’s touch controls.
Touch the current setting and choose Low, Medium, or High (default).
High sensitivity causes the fastest change in value per distance dragged.
CHAPTER 4: EQ PAGE

To display the EQ page, do either of the following:

- Tap the EQ Icon (highlighted in Figure 8) in the top menu bar from any Compass Go page.
- OR -

- From the Overview or I/O pages, double-tap the EQ curve at the top of the channel.

The EQ page appears with the Channel Settings tab selected unless the Parametric or U-Shaping tab was last selected for that channel.

Figure 8: EQ page with Channel Settings controls
Channel Settings, Parametric, and U-Shaping tabs each have their own meter, fader, and share these screen entities:

- **Channel Settings, Parametric** and **U-Shaping** tabs along the top
  Tap the tab to activate the desired controls. Each tab is discussed in detail below.

- **Sel-Iso Status Grid**
  This grid shows any selected or isolated input/output channels. The status of any channel can be toggled directly from the grid. See below for details.

**SEL-ISO STATUS GRID**
The Sel-Iso Status Grid is comprised of two rows: channel selection is indicated on top, channel isolation on bottom.

```
  A B C D E F G H 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
  A B C D E F G H 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
```

*Figure 9: Sel-Iso Status Grid*

In Figure 9, Input E and Output 11 are selected, Input H and Output 11 are isolated.

The rectangle enclosing Output 11 shows the currently selected I/O channel on the EQ page. Touch the left or right arrows at each end of the grid to move the selection rectangle to the previous or next I/O channel, respectively. This is an easy way to quickly peruse I/O channels.
To edit channel entries:

1. Touch within the grid.

   The grid expands as shown in Figure 10.

   ![Figure 10: Sel-Iso Grid expanded](image)

2. Tap an arrow pointing *into* the grid to select all values.

   Tapping either yellow arrow pointing into the Iso Inputs selects them all.

3. Tap an arrow pointing *out* of the grid to deselect all values.

   Tapping either green arrow pointing out of the Sel Inputs (or Outputs) deselects them all.

   If one or more channel is selected or isolated, the arrows point out.

4. Tap an individual I/O channel cell to toggle its value.
FADER

To adjust the I/O channel fader, do either of the following:

- Tap and drag it to a new position.
- OR -

1. Double-tap the numeric above the fader to open a numeric pad.
2. Enter a new value (maximum = +10, minimum = -90).
   - The +/- button toggles between positive and negative values.
   - Note that when no sign is shown, the value is interpreted as negative.
3. Tap Done when finished.

CHANNEL SETTINGS TAB

The Channel Settings tab has these additional controls:

- High and Low Pass filters
- Atmospheric Correction
- Delay Integration
- Sel/Iso/Mute/Pol controls
- LG (Link Group) controls
High and Low Pass Filters (outputs only)

![High and Low Pass Filter](image)

**Figure 11: High and Low Pass Filter**

**Frequency**
To adjust the **High and Low Pass** filter frequency:

1. Touch the yellow (Low Pass) or green (High Pass) filter line or the High/Low Pass frequency value.

   When selected, a blue rectangle surrounds the frequency value. The green or yellow line highlights to show the selected filter for editing. This state persists for 3 seconds, then extinguishes.
2. While the filter is selected for editing, do either of the following:
   
   Touch the green or yellow line and drag to a new position; the frequency field updates while the line is moved.

   - OR -

   Touch within the blue highlighted rectangle and drag up/down to increase/decrease the frequency values; the corresponding line moves as its frequency value changes.

### Filter Type

To select the High or Low Pass Type:

1. Double-tap the filter type beneath the frequency value.

   The High or Low Pass Type dialog opens. The currently selected filter has a check mark next to it.

   ![Low Pass Type](image)

   **Figure 12: High and Low Pass Filter Type dialog**

2. Touch the desired filter type.

   The dialog is automatically dismissed when a type is selected, or you touch outside the dialog.
**Bypassed/Enabled**
Tap to toggle the Enabled/Bypassed state of the High or Low Pass filter. A solid yellow rectangle surrounds Bypassed.

**Atmospheric Correction (outputs only)**

**Distance**
To adjust the distances, do either of the following:

1. If Atmospheric Correction is Enabled, single tap either distance unit value.
   A blue rectangle surrounds the distance value.
2. Drag up/down to increase/decrease the value.
   - OR -
1. Double-tap the distance value.
   A numeric pad opens even if Atmospheric Correction is Bypassed.
2. Enter a value and tap Done when finished.

The maximum distance is 150 m.

**Gain Factor**
To set the Gain Factor:

1. Double-tap Gain Factor.
   A dialog opens.
2. Choose a value in the range 10–100% in 10% increments.
3. Tap outside the dialog to close it.
Enabled/Bypassed
Tap to toggle the Enabled/Bypassed state. A yellow solid rectangle surrounds Bypassed.

Delay
To adjust the channel delay, do either of the following:
1. Double-tap the delay value (below the channel name on the lower left).
   A numeric pad opens.
2. Enter a delay amount.
   The +/- button toggles between positive and negative values.
   Note that when no sign is shown, the value is interpreted as negative.
3. Tap Delay Unit to choose a unit from the following options:
   milliseconds, feet, meters, frames (24 fps, 25 fps, 30 fps) samples (96 kHz).
4. Tap Back to return to the Delay setting numeric pad.
5. Tap Done when finished.
   - OR -
1. Single-tap the delay value.
   A blue rectangle surrounds it.
2. Touch and drag up/down to increase/decrease the delay.
   The maximum delay is 2000 ms for outputs, and 500 ms for inputs.
Delay Integration (outputs only)

Below the Delay setting, tap No Delay Integration (if never set) or the solid blue rectangle with the Meyer powered loudspeaker listed within it. All compatible loudspeakers appear in this list.

![Delay Integration dialog (scroll for more options)](image)

Figure 13: Delay Integration dialog (scroll for more options)

Sel/Iso/Mute/Pol

1. Tap Sel, Iso, Mute controls to toggle their values.
   
   A rectangular box surrounds an active value.

2. Tap Pol to reverse the Polarity (outputs only).
   
   Pol is normal, Rev is reversed.
Link Group
Tap LG to assign a Link Group. Drag the button corresponding to the desired Link Group to the right to activate. Inputs have four Link Groups, outputs have eight.

PARAMETRIC CONTROLS
To display the Parametric controls from the EQ page, tap the Parametric tab in the center of the top menu bar.

Figure 14: EQ Page with Parametric controls
To select a filter to adjust, do either of the following:

- Touch a filter’s Freq., B/W, or Gain value.

- OR -

- Touch a filter’s number in the graph.

In both cases, a blue rectangle surrounds the channel’s settings and the filter number highlights in blue on the graph. The selection persists for 3 seconds before extinguishing. Filter 6 is selected in Figure 14).

With a filter selected, you can adjust its settings by doing either of the following:

- Touch the filter number and drag up/down to alter the gain, or drag left/right to adjust frequency.

  Drag in both directions to adjust frequency and gain at once.

  Use three fingers to drag to change the gain but keep the frequency constant.

- OR -

1. Double-tap Freq., B/W, or Gain.

   A numeric pad opens so you can enter values directly.

2. Enter a new value.

   The +/- button toggles between positive and negative values.

   Note that when no sign is shown, the value is interpreted as negative.

3. Tap Done when finished.

   **NOTE:** Touching and dragging within a selected channel’s settings operates the same as if you touched and dragged the filter number. Freq. and Gain can be adjusted in this manner but not B/W. Use a two-finger pinch/spread gesture to change B/W.
Each filter can be individually enabled or bypassed.

To enable or bypass a filter:

- Touch **Enabled** or **Bypassed** at the top of the filter’s settings to toggle its state.

To set all filters to the same state:

- Touch the yellow arrow at the far left of the window (see Figure 15).

  In Figure 14, touching the right-facing arrow sets all filters to **Bypassed**.

  If one or more filters is **Bypassed**, the arrow faces left and will set all filters to **Enabled** when touched.

*Figure 15: Bypassed/Enabled control to toggle all channels*
U-SHAPING CONTROLS
To display the U-Shaping controls from the EQ page, tap the U-Shaping tab in the center of the top menu bar.

- Touch a vertical red line to select a filter’s frequency.
  
  The line highlights in red and the Freq. setting has a red outline.
  
  In Figure 16, Freq. is selected for the highest filter.

- Touch a horizontal yellow line to select gain.
  
  The line highlights in yellow and the Gain setting has a yellow outline.
  
  The selected state persists for 3 seconds before extinguishing.
To adjust a selected filter:

1. Drag a red selected *Freq.* line left/right to decrease/increase the value.

   Dragging within the *Freq.* value accomplishes the same function.

2. Drag a yellow selected *Gain* line up/down to increase/decrease the value.

   Dragging within the *Gain* value accomplishes the same function.

3. Double-tap the *Slope* value to select a value for the filter (see options below).

![Slope options for U-Shaping filters](image.png)
EQ PAGE TOOLS

The content of the EQ Page Tools menu depends on the device and whether an input or output is currently selected. The EQ Page Tools menu shown below is from a GALAXY output, which contains all relevant controls.

Tap the Tools icon at the top-right of the EQ Page to open the following dialog:

![EQ Page Tools Options](image)

*Figure 18: EQ Page Tools options for a GALAXY output: Upper controls (left), lower controls (right)*
Enabled Filters

Swipe the buttons to the right (active) to enable the desired filter types. If a filter is enabled and has settings applied, you can disable it but still retain its values for later use; just re-enable the filter.

**NOTE:** Some devices do not include all of these filter options.

Starting Points

Touch **Choose Starting Point** to set a new Starting Point.

**NOTE:** Only the Callisto 616 and GALAXY outputs offer this option.

The following Meyer Sound loudspeaker options can be used as a Starting Point:

<table>
<thead>
<tr>
<th>Choose Starting Point</th>
<th>LION-W Medium</th>
<th>LION-W Wide</th>
</tr>
</thead>
<tbody>
<tr>
<td>900-LFC Forward</td>
<td>5 to 15 deg for 4 elements</td>
<td></td>
</tr>
<tr>
<td>900-LFC Reversed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1100-LFC Forward</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1100-LFC Reversed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CQ</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEO-M Narrow</td>
<td>1 to 6 deg for 3 elements - Standard</td>
<td></td>
</tr>
<tr>
<td>LEO-M Medium</td>
<td>5 to 10 deg for 3 elements</td>
<td></td>
</tr>
<tr>
<td>LION-M Narrow</td>
<td>15 to 5 deg for 4 elements - Standard</td>
<td></td>
</tr>
<tr>
<td>LION-M Medium</td>
<td>5 to 10 deg for 4 elements</td>
<td></td>
</tr>
<tr>
<td>LION-M Wide</td>
<td>15 to 27 deg for 4 elements</td>
<td></td>
</tr>
<tr>
<td>LION-W Narrow</td>
<td>15 to 5 deg for 4 elements - Standard</td>
<td></td>
</tr>
</tbody>
</table>

*Figure 19: Choosing a new Starting Point: Top of menu (left), bottom of menu (right)*
Reset EQ
Touch Reset Parametric EQ, Reset U-Shaping EQ, Reset High Pass, Reset Low Pass, or Reset All Pass, to reset that filter to flat (0 gain at all bands) and all other filter parameters (i.e., bandwidth, frequency, slope, etc.) to their default values. Touch Reset All EQ to reset all filters to their default values at once.

NOTE: Some devices do not include all of these reset options.

Response Curves
Swipe any of the Response buttons to the right (active) position to enable display for those curves in other windows. This setting is channel-specific so you can show any combination of these curves for each input and output.

Control Sensitivity
This sets the sensitivity for Compass Go’s touch controls.
Touch the current setting and choose Low, Medium, or High (default).
High sensitivity causes the fastest change in value per distance dragged.

Accessory Views
Swipe the Top View, Value View, Meter View, and/or Fader View buttons to the right (active) position to show those entities in the EQ page window. You can conserve screen area by swiping them to the left when they are not essential to your current task.

SIM3 Trim (Galileo and Callisto only)
Each output channel can be enabled/disabled in the SIM3 section of the device settings. When enabled, the SIM3 Trim for each output can be adjusted between -12 dB and +6 dB.
CHAPTER 5: MATRIX PAGE

To display the Matrix page, tap the Matrix Icon (highlighted in Figure 20) in the top menu bar from any Compass Go page.

The Matrix page has three tabs: Gain Mode (shown in Figure 20), Router Mode, Delay Mode. Touch a tab to change the display. When visiting other pages, the last mode displayed is used when you reselect the Matrix page.

Each matrix contains the following entries:

- eight processed inputs A–H
- 24 unprocessed AVB inputs 9–32
- 16 processed outputs 1–16
### GAIN MODE

![Matrix page in Gain Mode](image)

**Figure 20: Matrix page in Gain Mode**

To set the gain for an individual cell:

1. Touch the cell to select it.
   
   A white rectangle encloses the cell. The selection persists for 3 seconds before extinguishing.

2. Touch a dB value from the top list.
   
   The cell updates with that value.

To set the gain for multiple cells:

1. Touch multiple cells to select them.
   
   A white rectangle encloses each selected cell. The selection persists for 3 seconds before extinguishing.

2. Touch a dB value from the top list.
   
   The cells update with that value.

To select an entire Input or Output, touch its label on the left or top, respectively.

To select all cells, touch **Select All** at the top left.
ROUTER MODE

To directly toggle a cell value:
- Touch a cell marked $-\infty$ to set it to 0 dB.
- Touch a cell marked with any dB value other than $-\infty$ to set it to $-\infty$.

To set a cell to a specific gain value:
1. Double-tap the cell.
   
   A numeric pad opens.

2. Enter a new value.
   
   Gain settings can vary from -90 to 20 dB.
   
   The +/- button toggles between positive and negative values.
   
   Note that when no sign is shown, the value is interpreted as negative.

3. Touch Done when finished.

To set a row or column to $-\infty$:
- Touch an Input or Output label.

To set all entries to $-\infty$:
- Touch Clear Matrix

NOTE: See “Direct Router Mode” on page 49 to learn about additional assignment options.
DELAY MODE

Delay Mode can set a delay between Inputs and Outputs.

Figure 22: Matrix page in Delay Mode

To select one or more cells for editing, do one of the following:

■ Touch each cell you wish to select.
■ Touch an Input or Output label to select the entire row or column, respectively.
■ Touch Select All at the top left to select all cells.

A white rectangle encloses each selected cell. The selection persists for 3 seconds before extinguishing.

While cells are selected, do either of the following:

■ Drag up/down to increase/decrease the delay.

  - OR -

1. Double-tap a selected cell.
   A numeric pad opens.
2. Enter a new delay value.
   The +/- button toggles between positive and negative values.
   Note that when no sign is shown, the value is interpreted as negative.
3. Touch Done when finished.

All selected cells update with their new values.
EXPANDED MATRIX INPUTS

The figure below shows the expanded Matrix inputs available to the Router, Gain, and Delay Matrices. You can zoom in/out with a two-finger spread/pinch gesture.

![Expanded Matrix Inputs](image)

Figure 23: Expanded Matrix Inputs
**Clear Delay Matrix**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A: LEFT</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>B: RIGHT</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>C: CENTER</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>D: SUB</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>E: Surr Left</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>F: Surr Right</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>G: Input G</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>H: Input H</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>9: Input 9</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>10: Input 10</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>11: Input 11</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>12: Input 12</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

*Figure 24: Expanded Matrix zoomed in*
MATRIX PAGE TOOLS
Tap the Tools icon at the top-right of the Matrix Page to open the following dialog:

![Matrix Page Tools](image)

*Figure 25: Tools options from Matrix Page*

**Direct Router Mode**
The **Direct Router Mode** affects subsequent Router tab assignments in the Matrix Page:

- Slide the button to the left (inactive) position to *disable* direct routing.
  
  Tap a crosspoint to toggle the gain between \(-\infty\) and 0.0. Multiple inputs can be routed to one output.

- Slide the button to the right (active) position to *enable* direct routing.
  
  Tap any crosspoint set to \(-\infty\) to change its value to 0.0, and set all other crosspoints in that column (outputs) to \(-\infty\). This automatically restricts routing to one input per output.

If you *previously* assigned multiple inputs to the same output, and then activated **Direct Router Mode**, you could conceivably toggle one assignment to \(-\infty\) and still have multiple inputs routed to that output. However, by tapping any output crosspoint set to \(-\infty\), you will toggle it to 0.0, and set all other crosspoints in that column (outputs) to \(-\infty\).

**Control Sensitivity**
This sets the sensitivity for Compass Go’s touch controls.

Touch the current setting and choose **Low**, **Medium**, or **High** (default).

*High* sensitivity causes the fastest change in value per distance dragged.
CHAPTER 6: SETTINGS PAGE

To display the Settings page:

1. Select a device from the Devices page.
2. Tap the Settings icon (highlighted in the top-left menu bar in the figure below).

The Snapshot Settings are shown below.

![Settings page with Snapshots tab selected]

The following Settings page tabs are discussed in this chapter:

- Snapshots (see page 52)
- Low-Mid Beam Control (see page 54)
- Link Groups (see page 57)
- Device Settings (see page 59)
- Input & Output Settings (see page 61)
- Clock Source Settings (see page 72)
- SIM3 (see page 76)
The Global Controls that appear at the top-right of each page are discussed at the end of this chapter on page 78.

Figure 27: Global Controls

SNAPSHOTS
A Snapshot contains all settings that configure a particular device. Each device has a:

- **Factory Default Snapshot**: Includes typical settings to start with. It can be duplicated but not edited.

- **Boot Snapshot**: Activated upon starting the device, and remains the Active Snapshot until another is loaded. If there is no Boot Snapshot, the device boots with its previous settings.

- **Active Snapshot**: The Active Snapshot contains one instance of all GALAXY settings that are currently active in the GALAXY hardware.

Factory Defaults
Tap Factory Defaults to recall the Factory Default settings.

NOTE: The Factory Default Snapshot cannot be edited.

Create New Snapshot
Tap Create New Snapshot to create a new Snapshot using this device’s current settings. This is now the Active Snapshot.
Clear Active Snapshot

Tap Clear Active Snapshot to clear the Active Snapshot. The device continues with its current settings and will use the Boot Snapshot (if one is assigned) next time it restarts.

![Figure 28: Snapshot assignment and editing options](image)

In the figure above, Lyon is the Active Snapshot. Tap and hold any Snapshot. The following options are available (some states are context-sensitive and may appear inactive):

- **Update**: Updates the Snapshot with the device’s current settings.
  
  The **Factory Defaults** Snapshot cannot be updated.

- **Lock or Unlock**: Toggles the locked state of the Snapshot. When locked it, cannot be updated.
  
  The **Factory Defaults** Snapshot cannot be unlocked.

- **Boot**: Makes that Snapshot the Boot Snapshot.

- **Duplicate**: Makes a copy of that Snapshot.

  **NOTE**: There need not be an Active Snapshot. The device continues with its current settings.

Clear Boot Snapshot

Tap Clear Boot Snapshot to remove it as the Boot Snapshot. A device without a Boot Snapshot restarts using its last settings before shutting down.
LOW-MID BEAM CONTROL

Low Mid Beam Control (LMBC) is a tool that lets GALAXY users modify the natural vertical coverage of the low mid frequencies of a Meyer Sound line array to better match the high frequency coverage. Settings can be applied for up to four Arrays, each with up to 32 elements.

Figure 29: Low-Mid Beam Control tab
Low Mid Beam Control Settings

Array Name: Lets you assign a name to the array (Flown Loudspeaker System).

Enabled/Bypassed: This status button lets you enable or bypass LMBC for all affected channels (also available in Output Processing).

Control Type: The two options are Beam Spread and Steer Up.

Elements per Output: There can be one or two elements per output; this should match the physical connections in the array.

Start on Output: Selects the first output of the GALAXY processor where LMBC processing starts. Element 1 always starts at the top of the array.

Number of Elements: Sets the number of total elements in the array.

Element Location: Use this control when spanning multiple GALAXY processors if you have more than 16 elements that require more than 16 processor outputs.

For example, in an array with 22 elements, one element per output, and two processors:

1. Set the Number of Elements to 22 on both processors.
2. On the first processor, set Start On Output to 1, and set Element Location to 1.
3. On the second processor, set Start On Output to 1, and set Element Location to 17.

Product Type: Select the product type for this array from the list shown below:

<table>
<thead>
<tr>
<th>Snapshots</th>
<th>LEO-M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low-Mid Beam Control</td>
<td></td>
</tr>
<tr>
<td>Link Groups</td>
<td></td>
</tr>
<tr>
<td>Device Settings</td>
<td></td>
</tr>
<tr>
<td>Input &amp; Output Settings</td>
<td></td>
</tr>
<tr>
<td>Clock Source Settings</td>
<td></td>
</tr>
<tr>
<td>SIM3</td>
<td></td>
</tr>
</tbody>
</table>

Figure 30: Product Types for LMBC
**Array Splay**: This is the sum total of the splay angles of the array.

To calculate **Array Splay** using the MAPP System Design Tool:

1. Subtract the **Rotation About Reference Point** value from the **Array Splay** value shown at the bottom element of the Flown Loudspeaker System.
2. Enter the result in the Compass or Compass Go **Array Splay** column.
3. Set the splay angle between the top grid and the first element to 0°.

For example: If the MAPP **Rotation About Reference Point** = -2 and **Array Splay** = -56, then the LMBC **Array Splay** = 54°.

**Associated Outputs**: This shows the device outputs in use with that LMBC array.

For example in Figure 29, the array starts on output 1, has 1 element per output, and 12 elements, so **Associated Outputs** is 1–12.

**NOTE**: If there is an error in the configuration, the **Associated Outputs** row turns red and its name changes to **Error**. A non-optimal configuration shows a warning in yellow.

**Low Mid Beam Control Operational Tips**

The following tips will help LMBC be more effective:

- Signal drive lines must have correct polarity.
- Apply LMBC before any other EQ.
- Gain Tapering can make LMBC ineffective.
- Do not treat array zones with different processing and/or gain below 1 kHz. For example, correct for low mid buildup with the same filters on the entire array, but correct for high frequency distance only above 1 kHz on individual zones.
- **Beam Spread** is not optimal above 95° **Array Splay**.
- **Steer Up** is not optimal above 45° **Array Splay**.
- One array element per output is optimal.
- Two array elements per output is maximum, and can only be used in an array with 12 or more elements.
Compass Software is designed to prevent invalid or non-optimal configurations.

LMBC is not designed to mix different product types in one array.

Set all speakers of the same type to the same Delay Integration PC setting.

When loudspeakers use separate outputs without LMBC, one all pass filter can be used to optimize alignment with the LMBC outputs.

**LINK GROUPS**

Link Groups let you control multiple Inputs or Outputs simultaneously with one control. There are four Input Link Groups, and eight Output Link Groups.

Tap **Link Group Name** to enter a name for the Input or Output Link Group.

**Input Link Groups (1–4)**

Enable each Input Link Group you wish to control by sliding its button (Group 1, Group 2, etc.) to the right (it turns green). Then enable the Inputs (A–H) to include in that Input Link Group.

*Figure 31: Link Groups tab showing Input Link Groups*
Output Link Groups (1–8)

Enable each Output Link Group you wish to control by sliding its button (Group 1, Group 2, etc.) to the right (it turns green). Then enable the Outputs (1–16) to include in that Output Link Group.

Figure 32: Link Groups tab with Output Link Groups
### DEVICE SETTINGS

<table>
<thead>
<tr>
<th>Settings</th>
<th>Device Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snapshots</td>
<td>NETWORK SETTINGS</td>
</tr>
<tr>
<td>Low-Mid Beam Control</td>
<td></td>
</tr>
<tr>
<td>Link Groups</td>
<td></td>
</tr>
<tr>
<td><strong>Device Settings</strong></td>
<td></td>
</tr>
<tr>
<td>Input &amp; Output Settings</td>
<td>GALAXY TIME</td>
</tr>
<tr>
<td>Clock Source Settings</td>
<td></td>
</tr>
<tr>
<td>SIM3</td>
<td>ENVIRONMENT SETTINGS</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Device Name</td>
<td>GALAXY-1</td>
</tr>
<tr>
<td>Device Group Name</td>
<td></td>
</tr>
<tr>
<td>Device Type</td>
<td>Galileo GALAXY 816</td>
</tr>
<tr>
<td>Serial Number</td>
<td>1</td>
</tr>
<tr>
<td>Device Identify Enabled</td>
<td>Off</td>
</tr>
<tr>
<td>Temperature °Celsius</td>
<td>20.0 °C</td>
</tr>
<tr>
<td>Temperature °Fahrenheit</td>
<td>68.0 °F</td>
</tr>
<tr>
<td>Humidity</td>
<td>50 %</td>
</tr>
<tr>
<td>Altitude</td>
<td>Below 800m/264ft</td>
</tr>
</tbody>
</table>

*Figure 33: Device Settings tab*

### Network Settings
These settings enable each device to uniquely identify itself on a network.

**Device Name**
Initially each Device receives an automatically generated name. To rename it, tap **Device Name** and use the onscreen keyboard.

**Device Group Name**
To assign a name to the Device Group, tap **Device Group Name** and use the onscreen keyboard.
CHAPTER 6: SETTINGS PAGE

Device Type and Serial Number
These parameters are set at the Factory in each device and cannot be edited. Together, they uniquely identity each device (regardless of the user-assigned Device Name).

Device Identity Enabled
Slide the button to the right to cause this GALAXY device to identify itself by winking its rear panel Wink LED button and front panel display.

GALAXY Time
The GALAXY Time can be edited using the fields shown by the figure below. Touch the date and time fields to set them manually.

Touch Set GALAXY Time to Local Time to set the time and date automatically.

<table>
<thead>
<tr>
<th>Snapshots</th>
<th>GALAXY Time</th>
<th>Not Available in Virtual GALAXY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low-Mid Beam Control</td>
<td>Tue Feb 27 9 26</td>
<td></td>
</tr>
<tr>
<td>Link Groups</td>
<td>Wed Feb 28 10 27</td>
<td></td>
</tr>
<tr>
<td>Device Settings</td>
<td>Thu Mar 1 11 28 AM</td>
<td></td>
</tr>
<tr>
<td>Input &amp; Output Settings</td>
<td>Today 12 29 PM</td>
<td></td>
</tr>
<tr>
<td>Clock Source Settings</td>
<td>Sat Mar 3 1 30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sun Mar 4 2 31</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mon Mar 5 3 32</td>
<td></td>
</tr>
</tbody>
</table>

*Figure 34: Setting the GALAXY Time*

Environment Settings
These values are used by the atmospheric correction algorithm (if enabled) and should be set to match the current operating environment.

- Temperature Celsius
- Temperature Fahrenheit
- Humidity
- Altitude
INPUT AND OUTPUT SETTINGS
This section lets you specify the types of Inputs and Outputs you wish to use.

<table>
<thead>
<tr>
<th>Settings</th>
<th>Input &amp; Output Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snapshots</td>
<td>AVB OUTPUT SETTINGS</td>
</tr>
<tr>
<td></td>
<td>Default Presentation Time</td>
</tr>
<tr>
<td>Low-Mid Beam Control</td>
<td>AVB CONTROLLER MODE</td>
</tr>
<tr>
<td>Link Groups</td>
<td>AVB Controller Mode</td>
</tr>
<tr>
<td>Device Settings</td>
<td>When set to “Internal”, the GALAXY device will manage AVB connections to other devices. To connect an input to a remote source set the input’s type to AVB and choose a channel from a remote entity in the AVB browser.</td>
</tr>
<tr>
<td></td>
<td>When set to “External”, you have to manage connections between this GALAXY and remote devices with an external AVB controller. To specify which input stream should be connected to an input, set the input’s type to AVB and select the local input stream and channel. Then, use the external AVB controller to connect the remote device’s output stream with the chosen input stream.</td>
</tr>
<tr>
<td>Input &amp; Output Settings</td>
<td>INPUT CHANNEL TYPES</td>
</tr>
<tr>
<td>Clock Source Settings</td>
<td>A: Input A Sample Rate: 0 kHz, Clock Status: Not Available in Virtual GALAXY AES3 L (Connector A)</td>
</tr>
<tr>
<td>SIM3</td>
<td>B: Input B Sample Rate: 0 kHz, Clock Status: Not Available in Virtual GALAXY AES3 R (Connector A)</td>
</tr>
</tbody>
</table>

Figure 35: Input & Output Settings

Default Presentation Time
Devices using the AVB I/O network periodically exchange timing information that allows both sides to precisely synchronize their time base reference clocks. This exchange of timing information allows an AVB listener to calculate the worst-case network transit time per stream, which is expressed as MSRP (Multiple Stream Reservation Protocol) Accumulated Latency. A network with one switch hop will typically have a smaller measured MSRP latency than one with several switch hops.

The Default Presentation Time (shown in Figure 26) lets the user obtain the lowest latency for AVB output streams in a given network topology without losing any audio samples.
Consider the following before choosing a **Default Presentation Time** setting:

- The **MSRP Accumulated Latency** indicator displays the worst case transit time through the network.
- The **Presentation Time Offset** indicator is the maximum transit time handled by the AVB listener.
- The **Remaining Transit Time** indicator is the time remaining between the packet reception and presentation time at the output.
- Higher **Default Presentation Time** settings result in higher audio latency in the AVB streams.
- Using a lower **Default Presentation Time** setting than the **MSRP Accumulated Latency** will lose audio samples, resulting in lower quality audio. Therefore, always set the **Default Presentation Time** value higher than the MSRP. Include a margin of error to support possible changes to the network topology or bandwidth.

**NOTE:** The **Time Align with AVB** button applies an additional 0.5 ms to the timing of an analog or AES format selected input to synchronize an AVB stream with incoming audio only if the **Default Presentation Time** is also set to 0.5 ms. If the **Default Presentation Time** is not set to 0.5 ms, deselect the **Time Align with AVB** button, and add an appropriate Input delay value to the desired non-AVB inputs.
Input Channel Types

Input Types can be Analog, AES3, or AVB.

When the AES3 input and the GALAXY’s sample rate are the same, you can disable Enable Asynchronous Sample Rate Converter to reduce the latency introduced by the clock recovery. When disabled, you must use another method to synchronize the AES3 input with the GALAXY’s clock signal.

Figure 36: Input Channel Types

If Time Align with AVB is enabled, a delay is added to Analog or AES3 input signals to compensate for the flight time of the AVB signal.
AVB Controller Mode

An AVB Stream functions much like an analog multi-cable. Each stream can vary in number of channels and format, similar to AES3 and standard analog multi-cables. The difference is that many audio streams can flow down a single Ethernet cable.

Unlike traditional multi-cables, AVB streams do not stay connected when the audio devices are turned off. An AVB software controller creates and maintains these connections running on a computer attached to the network or inside one of the audio devices being controlled. An AVB controller in the audio device will maintain persistent connections and remake connections after power cycle or other interruptions like unplugging an Ethernet link.

Each GALAXY has a built-in AVB controller. If GALAXY B’s inputs are subscribed to GALAXY A’s outputs for the first time using Compass software, GALAXY B’s AVB controller will attempt to remake that connection in case of any interruption.

GALAXY AVB streams are 24-bit/96 kHz 8-channel AM824 packet format. AM824 supports the transport of multi-channel 24-bit linear audio. Since GALAXY inputs can choose up to eight individual AVB channels from up to eight different streams, it is possible to send up to 8 eight-channel streams (64 channels) into the unit. However, only eight of them are available for input processing. There are 24 additional AVB inputs available into the Gain, Delay, and Router matrices without input processing (see figure below).
GALAXY outputs use two AM824 formatted streams: Outputs 1–8 are available in the first 8-channel stream, outputs 9–16 are available in the second 8-channel stream. If no units have subscribed to these streams, the GALAXY will stop transmitting altogether. The analog outputs are always active.

Network digital source signals can be connected to the AVB/Network port connectors (labeled 1 and 2) on the GALAXY rear panel. Standard AM824 eight-channel AVB streams are supported (24 bit, 48/96 kHz). The **AVB Controller Mode** can be set to **External** or **Internal**.
Internal AVB Controller Mode

Internal mode is used to make AVB connections between available Meyer Sound GALAXY outputs and the current GALAXY’s inputs. GALAXY manages the AVB connections to other devices.

External AVB Controller Mode

External mode is specific to third-party AVB controllers. The AVB connection browser shows the available streams and channels only. Once selected, where they are used is clearly indicated.

**NOTE:** External Controller Mode does not show GALAXY Device Groups. Available channels from selected GALAXY streams will populate the AVB Browser when an appropriate sink is selected from the Streams list. The selected channels and streams indicate their assignments when selections are completed.

Outputs from available AVB devices populate the AVB connection browser using standard terminology (Sink-1, Sink-2, etc.). You can connect (and disconnect) Sinks to GALAXY (listener) Inputs. If there are any connections, the output displays where it is used below the input number. To disconnect that input from the AVB output, press the **Delete Connection** button.

You must manage the AVB connections between this GALAXY and remote devices with an external AVB controller.
Making AVB Connections

Outputs from available GALAXY devices populate the AVB connection browser when that device is selected from the available Device Group (listed below as Entities.) The Device Group label is displayed above the available devices in that group. Use the AVB connection browser to connect and disconnect configurations. If there are connections present, the output displays where it is used next to the output index number. To disconnect that input from the AVB output, press the Delete Connection button.

The following figures illustrate making a typical AVB connection. Note that these Device Names and Groups are part of an example configuration.

1. Select the Input & Output Settings tab from the left side of the Settings Page.

   This tab lets you select your input channel types, Input & Output Voltage Range (not shown below but part of the Input & Output Settings tab), AVB controller mode, and view output channel types.

2. Tap to the right of AVB Controller Mode field (on Internal in Figure 38).

   The AVB Controller Mode screen appears.

3. Select Internal.

   Figure 38: AVB Controller Mode field in the Input & Output Settings tab

   Figure 39: Selecting Internal AVB Controller Mode
4. Select available AVB Entities and Channels.

<table>
<thead>
<tr>
<th>Entities</th>
<th>Select AVB Channel for A: RIGHT MAIN</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>LYON</td>
<td>OUTPUT STREAM: OUTPUTS 1-8 (STREAM FORMAT: IEC 61883-6 AM824 96 KHZ 8 DATA BLOCKS NON-BLOCKING 8 MBLA)</td>
<td></td>
</tr>
<tr>
<td>FOH MAIN AES</td>
<td>FOH MAIN A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Output Index 0, in use by Input A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FOH MAIN B</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Output Index 1, in use by Input B</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FOH MAIN C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Output Index 2, in use by Input C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FOH MAIN D</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Output Index 3, in use by Input D</td>
<td></td>
</tr>
<tr>
<td>Saturn Distro</td>
<td>FOH MAIN E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Output Index 4, in use by Input E</td>
<td></td>
</tr>
</tbody>
</table>

Figure 40: Selecting AVB Entities and Channels

The figure below shows the results of using the Internal AVB Controller Mode to make Input channel assignments.

Figure 41: Input Channel assignments using the Internal AVB Controller Mode
The figure below shows the Device Group, Device, available Stream, and Channel (to the right of the selected AVB) for a configuration using the Internal AVB Controller Mode.

<table>
<thead>
<tr>
<th>Settings</th>
<th>Input &amp; Output Settings</th>
<th>Input Type for A: RIGHT MAIN</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snapshots</td>
<td>No Input</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low-Mid Beam Control</td>
<td>Analog (Connector A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Link Groups</td>
<td>AES3 L (Connector A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Device Settings</td>
<td>AES3 R (Connector A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AVB</td>
<td>LYON, Saturn Distro, Outputs 1-6, FOH MAIN A</td>
<td></td>
</tr>
</tbody>
</table>

*Figure 42: Results of an Internal AVB Controller Mode configuration*

The figure below shows Outputs that have not yet been connected.

<table>
<thead>
<tr>
<th>LYON</th>
<th>OUTPUT STREAM: OUTPUTS 1-8</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(STREAM FORMAT: IEC 60893-6 AM 824 96 KHZ 8 DATA BLOCKS NON-BLOCKING 8 MBLA)</td>
</tr>
<tr>
<td>✓</td>
<td>FOH MAIN AES</td>
</tr>
<tr>
<td></td>
<td>Saturn Distro</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Output 1</th>
<th>Output Index 0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output 2</td>
<td>Output Index 1</td>
</tr>
<tr>
<td>Output 3</td>
<td>Output Index 2</td>
</tr>
<tr>
<td>Output 4</td>
<td>Output Index 3</td>
</tr>
<tr>
<td>Output 5</td>
<td>Output Index 4</td>
</tr>
<tr>
<td>Output 6</td>
<td>Output Index 5</td>
</tr>
<tr>
<td>Output 7</td>
<td>Output Index 6</td>
</tr>
<tr>
<td>Output 8</td>
<td>Output Index 7</td>
</tr>
</tbody>
</table>

*Figure 43: Outputs not yet connected*
The figure below shows a completed AVB connection.

<table>
<thead>
<tr>
<th>Settings</th>
<th>Input &amp; Output Settings</th>
<th>Input Type for A: RIGHT MAIN</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snapshots</td>
<td>No input</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low-Mid Beam Control</td>
<td>Analog (Connector A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Link Groups</td>
<td>AES3 L (Connector A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AES3 R (Connector A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Device Settings</td>
<td>AVB</td>
<td>LYON,FOH MAIN AES.Outputs 1-8,Output 1</td>
<td></td>
</tr>
</tbody>
</table>

*Figure 44: Verifying the completed AVB connection*
Input and Output Voltage Range

The Input & Output Voltage Range can be set to +26 dBu or +16 dBu. To toggle the voltage range, tap the current value, select the other setting, and tap Done.

<table>
<thead>
<tr>
<th>Settings</th>
<th>Input &amp; Output Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snapshots</td>
<td></td>
</tr>
<tr>
<td>Low-Mid Beam Control</td>
<td></td>
</tr>
<tr>
<td>Link Groups</td>
<td></td>
</tr>
<tr>
<td>Device Settings</td>
<td></td>
</tr>
<tr>
<td>Input &amp; Output Settings</td>
<td></td>
</tr>
<tr>
<td>Clock Source Settings</td>
<td></td>
</tr>
<tr>
<td>SIM3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Figure 45: Input & Output Voltage Range**

Figure 45 shows that AVB and Analog are available as channel types for Outputs 1–8 but only AVB is available for Outputs 9–16.
CHAPTER 6: SETTINGS PAGE

CLOCK SOURCE SETTINGS
These settings control how this device is synchronized within its system.

Figure 46: Clock Source Settings tab
System Clock Source

The System Clock Source can be set to Internal, AES3, AVB (if AVB connections have been established), or Word Clock (BNC).

<table>
<thead>
<tr>
<th>Settings</th>
<th>Clock Source Settings</th>
<th>System Clock Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snapshots</td>
<td>INTERNAL</td>
<td></td>
</tr>
<tr>
<td>Low-Mid Beam Control</td>
<td>AES3</td>
<td></td>
</tr>
<tr>
<td>Link Groups</td>
<td>Input A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Input B</td>
<td></td>
</tr>
<tr>
<td>Device Settings</td>
<td>WORD CLOCK (BNC)</td>
<td></td>
</tr>
<tr>
<td>Input &amp; Output Settings</td>
<td>Word Clock (BNC)</td>
<td></td>
</tr>
</tbody>
</table>

*Figure 47: System Clock Source Settings*

If using AES3:

- Specify which Input to use as the System Clock Source.
- The input and output system clocks may be different.

**NOTE:** If each device uses its own internal clock source, they will not stay synchronized.

Synchronization State

This field shows the status of the System Clock Source assignment: locked, unlocked, or no signal.
Sample Rate
Sample Rate is set globally for the system and cannot be changed here.

GALAXY accepts a wide range of sample rates for both AVB and AES inputs. (see below).

Accepted Input sample rates and bit depth based on format

<table>
<thead>
<tr>
<th>Format</th>
<th>Input Sample Rates Accepted (kHz)</th>
<th>Bit Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>AES3</td>
<td>20 – 216</td>
<td>up to 24 bit</td>
</tr>
<tr>
<td>AVB</td>
<td>48 or 96</td>
<td>24 bit</td>
</tr>
</tbody>
</table>

If an AES3 or Word Clock input is selected as the AES output clock source (GALAXY 816-AES3 unit only), then the following sample rates may be used:

- 44.1 kHz
- 48.0 kHz
- 88.2 kHz
- 96.0 kHz
- 176.4 kHz
- 192.0 kHz

AES3 Output Clock
This setting controls the synchronization of AES3 outputs.
AES3 Output Clock Source
The AES3 Output Clock Source can be set to System Clock, AES3, or Word Clock (BNC). If using AES3, specify which Input to use as the Clock Source.

<table>
<thead>
<tr>
<th>Settings</th>
<th>Clock Source Settings</th>
<th>AES3 Output Clock Source</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snapshots</td>
<td>SYSTEM CLOCK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Link Groups</td>
<td>System Clock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Device Settings</td>
<td>AES3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input A</td>
<td>Input A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input B</td>
<td>Word Clock (BNC)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Figure 48: Setting the AES3 Output Clock Source*

Synchronization State
This field shows the status of the System Clock assignment: locked, unlocked, or no signal.

Sample Rate
Sample Rate is set elsewhere and cannot be changed here.

Enable AES3 Output Asynchronous Sample Rate Converter
Slide the button to the right to enable the AES3 Output Asynchronous Sample Rate Converter.
**SIM3**

The Meyer Sound SIM3 Measurement and Correction System can be interfaced with GALAXY devices.

![SIM3 options](image)

**Figure 49: SIM3 options**

**SIM3 Setup**

Consult the SIM3 machine to determine its Bus address. In Compass Go, enter it in the **SIM3 Bus Address** field using the +/- buttons.

The **SIM3 Connection** field should now display **SIM3 Detected**.

**NOTE:** SIM3 can also be interfaced using the AVB network. Contact Meyer Sound Technical Support for help with SIM3 (page 12).
Console and Processor Probe Point and Channel

The Console Probe Point, Console Probe Channel, Processor Probe Point, and Processor Probe Channel can be set to the following options:

- Input Post Source Select
- Input Post Processing
- Output Post Main Delay Matrix
- Output Post Delay
- Output Post Processing

<table>
<thead>
<tr>
<th>Settings</th>
<th>SIM3</th>
<th>Console Probe Point</th>
<th>Done</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snapshots</td>
<td></td>
<td>Input Post Source Select</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Input Post Processing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Low-Mid Beam Control</td>
<td>Output Post Main Delay Matrix</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Link Groups</td>
<td>Output Post Delay</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Device Settings</td>
<td>Output Post Processing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Input &amp; Output Settings</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Clock Source Settings</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Figure 50: SIM3 Console and Processor Probe options*
GLOBAL CONTROLS
The Global Controls are at the top-right of each page.

Tools
The wrench icon accesses the Tools options, which differ for each page. See the end of the Overview, I/O, EQ, and Matrix Page sections for details. Note that the Tools icon is dim and not available from the Settings Page.

Disk
The disk icon opens a dialog to update, create, and recall Snapshots.

1. Tap the disk icon to open the following dialog:

Figure 51: Disk icon with Snapshot options

2. Do one of the following:
   - Tap Update Active Snapshot to update the current Snapshot.
   - OR -
   - Tap Create New Snapshot to create and name a new Snapshot.
   - OR -
   - Tap a Snapshot in the RECALL SNAPSHOTS column to restore its saved settings.

Undo/Redo Editing
The most recent editing operation can be undone/redone with the standard circular controls.
CHAPTER 7: CUSTOM LAYOUTS

Custom Layouts let you use a single control to adjust settings on multiple Galileo, Galileo GALAXY, and Galileo Callisto devices. Custom Layouts can be spread across multiple pages and can include background images. Pages can be reordered and deleted.

Users with an iPad Pro can take advantage of the larger screen size by setting the Canvas Size to Large Canvas from the Tools menu (Small Canvas is the default setting).

NOTE: Setting a normal iPad to Large Canvas makes part of the screen not visible. Tap and drag to scroll the screen to see the extra screen space.

Figure 52: Custom Layouts page
CREATING A CUSTOM LAYOUT
To create a Custom Layout:
1. Tap Custom Layouts on the Devices page.
2. Tap Add Custom Layout.
   A blank Custom Layout appears along with a keyboard to name it.
3. Name the Custom Layout.

ADDING A DEVICE TO A CUSTOM LAYOUT
1. Tap the Devices Icon from the top-right of your Custom Layout.
2. Tap Add Device.
   The Add Device dialog appears.
3. Tap in the Device Name field and use the keyboard to assign a unique name so it is easy to identify.
4. Tap Device Type and choose from the corresponding Galileo, Galileo Callisto, or Galileo GALAXY types to match device in use.
5. Enable Device Auto Mapping by moving the switch to the right so it lights green.
   Compass Go will automatically map this device next time the app is launched.
6. Tap the Devices Icon and select the devices to include in your Custom Layout.
   Devices on the network are listed. A red dot to the left of the device shows it is not yet mapped. A yellow triangle shows it is mapped but disconnected.
7. If a device has a red dot, tap Map Devices.
   The Map Devices dialog opens showing Devices already in this Custom Layout on the left and Discovered Devices on the right. Lines between the columns indicate valid mappings.
8. Tap a Device in either column that you wish to map. 

   Note that only the same Device Types can be mapped to each other; incompatible device types are grayed out in each column.

![Figure 53: Devices valid for mapping](image)

9. Tap the corresponding Device (in the other column) that you wish to connect to.
A line between the Devices shows the mapping was successful.

Figure 54: Devices successfully mapped
10. To unmap a mapped Device, tap the Device in either column, then tap the X that appears in the center of the line connecting them.

Figure 55: Devices being unmapped

11. Map each Device.

   In the Devices menu, all Devices should have a green circle on their left.
   Select a mapped Device to disconnect it but leave it mapped (yellow triangle).
ADDING CONTROLS TO A CUSTOM LAYOUT

Fader
To add a Fader to your Custom Layout that controls the gain of selected output channels:

1. Tap the I/O Icon in the menu bar, and select Fader.
   - The Fader dialog opens.
2. Tap in the Control Label field and assign a name.
3. Tap in the Control Point Type field and select Gain.
4. Tap Channel Type and select Output.
5. Tap in the Channel Assignments section to select the Output channel(s) to control.

   💡 TIP: Most controllers attempt to preserve the relative values of the multiple parameters they adjust if they differ. A blue band appears on the controller if this is the case.

Rotary
To add a Rotary control to your Custom Layout that adjusts the delay of selected output channels:

1. Tap the I/O Icon in the menu bar, and select Rotary.
   - The Rotary dialog opens.
2. Tap in the Control Label field and assign a name.
3. Tap in the Control Point Type field and select Delay.
4. Tap Channel Type and select Output.
5. Tap to select the Output channel(s) from the Channel Assignments section.
Wheel
To add a Wheel to your Custom Layout that controls the gain of a parametric EQ band:
1. Tap the I/O Icon in the menu bar, and select Wheel.
   The Wheel dialog opens.
2. Tap in the Control Label field and assign a name.
3. Tap in the Control Point Type field and select Parametric EQ.
4. Tap Channel Type and select Output.
5. Tap Parametric EQ Attribute and select Gain.
6. Select a parametric Band.
   If a Band greater than five is selected for an Output, only Callisto 616s are available as they have 10 bands of filters.
   If Input is the selected Channel Type, Callisto 616s are not available as they do not have parametric EQs on their inputs.
7. Tap to select the Output channel(s) from the Channel Assignments section.

Mute Button
To add a Mute Button to your Custom Layout:
1. Tap the I/O Icon in the menu bar, and select Mute Button.
   The Mute Button dialog opens.
2. Tap in the Control Label field and assign a name.
   The Control Point Type field is automatically set to Mute.
3. Tap Channel Type and select Output.
4. Tap to select the Output channel(s) from the Channel Assignments section.
   If Mute states differ among controlled channels, the label on the control changes from Mute All (or Unmute All) to Mute/Unmute. When tapped, a dialog appears with the following choices: Mute All, Unmute All, Toggle All, and Cancel.
CHAPTER 7: CUSTOM LAYOUTS

**Snapshot Recall**
To add a Snapshot control to your Custom Layout:

1. Tap the I/O Icon in the menu bar, and select **Snapshot Recall**.
2. Tap in the **Control Label** field and assign a name.
3. Tap the +/- controls to set the **Snapshot ID** to use for each device.

When the Snapshot control is tapped, the selected Snapshots are recalled into their respective devices.

**Meter**
To add a Meter to your Custom Layout for an Input Channel:

1. Tap the I/O Icon in the menu bar, and select **Meter**.
   - The Meter dialog opens.
2. Tap in the **Control Label** field and assign a name.
   - The **Control Point Type** field is automatically set to **Meter**.
3. Tap **Channel Type** and select **Input**.
4. Tap to select an Input channel from the **Channel Assignments** section.

**Response Curve**
To add a Response Curve to your Custom Layout for an Input Channel:

1. Tap the I/O Icon in menu bar, and select **Response Curve**.
   - The Response Curve dialog opens.
2. Tap in the **Control Label** field and assign a name.
   - The **Control Point Type** field is automatically set to **Response Curve**.
3. Tap **Channel Type** and select **Input**.
4. Tap to select an Input channel from the **Channel Assignments** section.
Background Image
Background images add context to a Custom Layout, making it easier to find and use controls.

To add a Background Image to your Custom Layout:
1. Tap the I/O Icon in menu bar, and select **Background Image** (from the Miscellaneous section).
   
   The Photos dialog from your iPad opens.
2. Tap the folder containing your background image and select it.
   
   The image appears as a background in your Custom Layout.

Background Images can be resized and moved when a Custom Layout is in Edit Mode.

To resize the background image:
1. From your Custom Layout page, tap **Edit** in the top-right of the menu bar.
2. To resize the image, use two fingers to pinch inward or expand outward to shrink or enlarge the image, respectively.
3. To move the image, tap it with two fingers and drag to the desired location.
4. Tap **Done** when finished.

Label
Labels add context to a Custom Layout, making it easier to remember how to use the controls.

To add a Label to your Custom Layout:
1. Tap the I/O Icon in the menu bar, and select **Label** (from the Miscellaneous section).
   
   The Label dialog appears.
2. Tap to assign a name using the onscreen keyboard then tap **Done**.
   
   The new Label appears in your Custom Layout.
To delete a Label from your Custom Layout:

1. From the Custom Layout containing the Label, tap Edit.
2. Edit handles now surround all controls and Labels on the Custom Layout.
3. Tap a Label.
   The Label dialog appears.
4. Tap Delete Label.
   Tapping the Label name also lets you rename the Label instead of deleting it.

**EDITING CONTROLS IN A CUSTOM LAYOUT**

Any control that appears in a Custom Layout can be cut, copied, deleted, and pasted within that Custom Layout, but you cannot edit between two Custom Layouts.

To use editing commands on controls within a Custom Layout:

1. Tap Edit on the upper-right of the menu bar.
   Editing handles appear surrounding each control.
2. Tap and hold a control until you see Cut Control, Copy Control, Paste Control, Delete Control appear on top of it.
3. Touch to select Cut Control, Copy Control, or Delete Control.
4. With a control copied to the clipboard, tap and hold a blank area of the Custom Layout until you see Paste Control appear.
5. Touch Paste Control to paste the copied control onto that area.

Each editing command behaves as follows:

- **Cut** copies the control into the Custom Layout’s clipboard, then deletes that control from the page. **Paste** is now active.
- **Copy** copies the control into the Custom Layout’s clipboard. **Paste** is now active,
- **Paste** inserts the copied control into the current Custom Layout page. The clipboard retains its contents for repeated Paste commands.
- **Delete** removes the control from the page without copying it to the clipboard. Note that a previous Copy command may still reside in the clipboard.
SELECTING A NEW CUSTOM LAYOUT
To select a new Custom Layout:
1. Navigate to the Compass Go Custom Layouts Library.
2. Tap a Custom Layout.
   The new Custom Layout will automatically load.

MOVING AND RESIZING CONTROLS IN A CUSTOM LAYOUT
To move and resize controls in your Custom Layout:
1. From your Custom Layout page, tap Edit in the top-right of the menu bar.
   Note that each control is surrounded by editing handles.
2. Tap and drag within the control to move it.
3. Tap and drag an editing handle to resize it.
4. Tap Done when finished.
MANAGING PAGES IN CUSTOM LAYOUTS

Pages can be added, deleted, and reordered.

Adding a Page

To add a page to your Custom Layout:

1. In your Custom Layout (any page), tap the title at the top.
   The Custom Layout Pages dialog opens showing the current pages.
2. Tap Add Page.
   A blank page is added at the end of your current page list.

Deleting a Page

To delete a page from your Custom Layout:

1. In your Custom Layout (any page), tap the title at the top.
   The Custom Layout Pages dialog opens showing the current pages.
2. Swipe the desired page left.
   A red Delete button appears at the right of the dialog.
3. Tap the Delete button to delete the page.

Reordering a Page

To reorder pages in your Custom Layout:

1. In your Custom Layout (any page), tap the title at the top.
   The Custom Layout Pages dialog opens showing the current pages.
2. Tap and hold a page you wish to reorder.
   A shadow appears around the outside of the page’s rectangle when it is selected.
3. Drag the page to its new location and release your finger.
STORING AND SHARING CUSTOM LAYOUTS

To store or share Custom Layouts:

1. From the Custom Layouts Library page, tap Edit in the top-right of the menu bar.
   
   All Custom Layouts appear with a selection circle to the left of each, and three horizontal bars to the right.

2. Tap anywhere (except on the three bars) to select the Custom Layouts to share or store.
   
   Selected Custom Layouts display a check mark to their left.

3. Tap the Upload Icon in the top-right of the menu bar.
   
   Choose Share or Save to iTunes.

4. To reorder the Custom Layouts in your Library, tap and hold the three bars at the far-right of a Custom Layout until a rectangular shadow appears, then drag it to a new location.

To share Custom Layouts:

1. Select Share and name the uploaded file.

2. Choose an available sharing method from the options presented (i.e., Message, Mail, Dropbox, etc.).

To save Custom Layouts to iTunes:

3. Choose Save to iTunes.

4. Name the saved file.

TIP: All Custom Layouts are saved in one file with a .cgocl extension regardless of the number included.
CHAPTER 7: CUSTOM LAYOUTS

ACCESSING CUSTOM LAYOUTS IN iTunes

To access Custom Layouts in iTunes:

1. Tap the iPad icon at the top-left of the iTunes window, then tap Apps from the Settings column.
2. Scroll down to the File Sharing section and tap Compass Go.

   A list of stored Custom Layout files appears in the Compass Go Documents section with a .cgocl extension.

IMPORTING CUSTOM LAYOUTS FROM iTunes

To import Custom Layouts from iTunes:

1. In the Compass Go Custom Layouts Library, tap Edit in the top-right of the menu bar.
2. Drag the gray bar down below the title Custom Layouts.

   All saved Custom Layouts populate within the Library.

   NOTE: Custom Layouts saved to iTunes will repopulate within the library every time a drag down action is performed if the file is saved to iTunes.

DELETING CUSTOM LAYOUTS

To delete Custom Layouts, do either of the following:

1. In the Compass Go Custom Layouts Library, tap Edit in the top-right of the menu bar.
2. Tap to select the Custom Layouts you wish to delete.

   A check mark appears beside selected Custom Layouts.
3. Tap the Trash icon.
4. Tap Done when finished.

   - OR -

   1. In the Compass Go Custom Layouts Library, swipe the Custom Layout you wish to delete to the left (do not tap Edit first).

      A red Delete rectangle appears at the far right of the selected Custom Layout.
6. Tap Delete to confirm you wish to delete that Custom Layout.