

Introduction

Congratulations on your purchase of the EXMMobile8. This compact PA enclosure has been designed with enough features to handle live performances and small DJ gigs while being the ultimate in portability.

Some features of the Yorkville EXMMobile8 include:

- Compact PA enclosure with a built in 3 channel mixer with effects
- Battery life of 5.5 hours when playing at full volume; well in excess of 24 hours of life for light-duty applications
- 3 Mic inputs (XLR, all channels), Balanced line/Instrument input (1/4-inch CH1), Instrument input (Balanced 1/4-inch CH2), Line input (Balanced 1/4-inch CH3) Aux Input (1/8-inch CH3)
- Bluetooth™ connection for streaming audio to the system
- Scalable, the design allows the system to grow to meet different needs
- Easily paired with a compact Subwoofer to extend the bass
- Link input/output for connecting two or more EXM 70/Mobile/Mobile12/Mobile8 systems together
- Reverb on Channels 1 and 2

This manual explains the various features and functions of the EXMMobile8. For general information about mixing and other facets of sound-reinforcement check out our P.A. User Guides available on our website (<http://www.yorkville.com>)

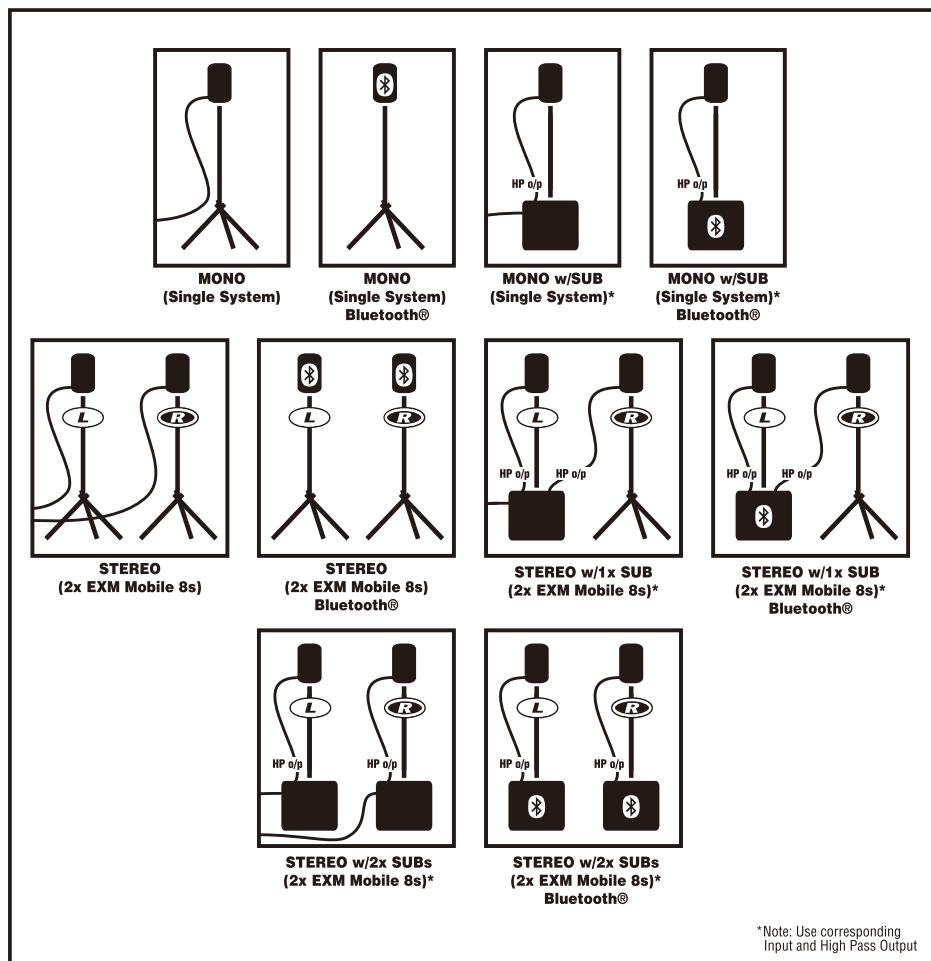
System Configurations

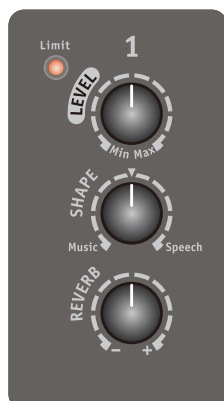
The scalable nature of the Yorkville EXMMobile8 allows for several configurations that can be utilized to suit your needs. Here are some examples:

Remark: It must be mounted with a bracket and cannot be used alone

The equipment should be connected to a mains socket outlet with a protective earthing connection.

The plug is used as a disconnecting device. Disconnect devices should be kept easy to operate.

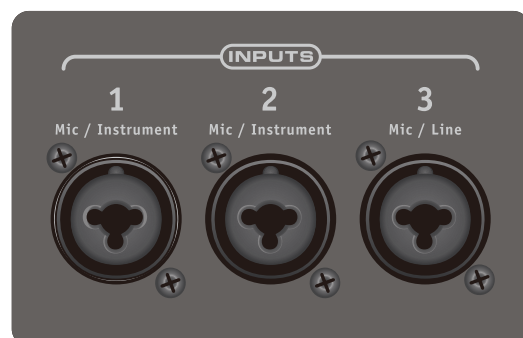




Channel Inputs

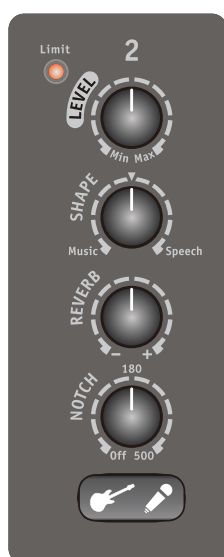
Channel 1

Channel 1 is equipped with a combi-jack optimized for a microphone (XLR) or a balanced/unbalanced line/instrument level (1/4-inch) source. A level control sets the gain and relative volume while the Limit LED indicates the onset of limiting or gain reduction. For powering condenser microphones, 24V of phantom power is present on the XLR input portion of the jack.



Channel 2

Channel 2 is equipped with a combi-jack optimized for a microphone (XLR) or a balanced/unbalanced line/instrument (1/4-inch) source. A level control sets the gain and relative volume while the Limit LED indicates the onset of limiting or gain reduction. This channel is equipped with a switch to configure an acoustic guitar eq. The notch filter will also become active to allow you to tune out the feedback resonance of the guitar. For powering condenser microphones, 24V of phantom power is present on the XLR input portion of the jack.



Channel 3

Channel 3 is equipped with an XLR jack optimized for a microphone (XLR), a 1/4-inch combi input for line level signals and an unbalanced TRS 1/8-inch phone jack optimized for portable media players. A level control sets the gain and relative volume while the clip LED indicates the onset of clipping distortion. For powering condenser microphones, 24V of phantom power is present on the XLR input portion of the jack.

Note: When Bluetooth™ is used, the volume and tone is controlled by the Channel 3 Level control.

Bluetooth™

The Yorkville EXM Mobile8 is capable of Bluetooth™ audio streaming from devices such as smart phones, tablets and laptops. Pairing your device with an EXM Mobile8 is simple and gives you the freedom to play your music wirelessly.

The EXM Mobile8 also supports wireless stereo pairing between two EXM Mobile8 units. One unit will act as the “Primary” unit, playing the left channel of the audio and maintaining the connection to your device, while the other unit will act as a “Secondary” unit, playing the right channel. You only need to connect your device to the Primary EXM Mobile8 unit to enjoy high quality wireless stereo playback. See “Stereo Mode” below.

Bluetooth™ Operation

When the EXM Mobile8 is powered on, Bluetooth™ will be disabled by default. To enable it and connect to your device, simply tap the Bluetooth™ button. If a device was previously connected to the EXM Mobile8, it will attempt to automatically reconnect. Similarly, if a wireless stereo connection was previously established, both EXM Mobile8 units used will attempt to automatically re-establish the wireless stereo connection (in the same Primary or Secondary role they previously performed).

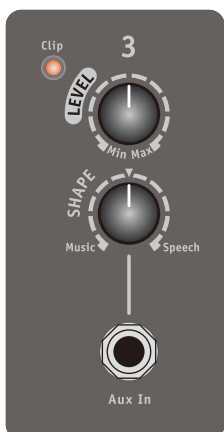
Pairing

To pair your device to an EXM Mobile8, simply press the Bluetooth™ button down and hold for 4 seconds, then release the button.

Status

The blue status indicator alerts let you know the current status of the Bluetooth™ connection as described in this chart:

| Mode | Linked | Link-Back | Standby | Pairing | Stereo Grouping | Grouped |
|------------------|--------|--------------------------------|----------------------------|-----------------------|-----------------|------------|
| Standalone | ON | ON, blinks 1x every 2 seconds. | Flashes 1x every 2 seconds | Flashes 2x per second | N/A | |
| Stereo Primary | N/A | ON, blinks 1x every 2 seconds. | Flashes 2x every 2 seconds | Flashes 3x per second | Double flash | ON |
| Stereo Secondary | N/A | N/A | N/A | N/A | Double flash | Slow flash |



Level Control

Streamed music volume can be changed via the connected Bluetooth™ device, or via the Channel 3 Level control on the EXM Mobile8. The Channel 3 Level will also control the maximum volume level a connected device can set.

Stereo Mode

The EXM Mobile8 supports wireless stereo playback between two EXM Mobile8 cabinets, for an enhanced listening experience. One cabinet will act as the Primary unit, while the other acts as a Secondary unit. The Primary unit will play the left audio channel of streamed music, and also maintain the Bluetooth™ connection with your device, while the Secondary unit will play the right audio channel. Your device only connects to the Primary unit, not the Secondary.

To enable Stereo Mode, simply double tap the Bluetooth™ button on the EXM Mobile8 that should act as the Primary unit (left channel), then double tap the Bluetooth™ button on the other EXM Mobile8 (right channel). The order matters, as the first unit double tapped will become the Primary unit (left channel). Both EXM Mobile8 units will automatically attempt to re-establish the Stereo Mode connection the next time they are powered on and enabled, with the same Primary and Secondary roles previously used.

You can still pair new devices to an EXM Mobile8 Primary unit if it is in Stereo Mode. Pairing a device to an EXM Mobile8 that is in Secondary mode will end the stereo wireless connection.

Button Operation

- Single Tap – Enables Bluetooth™
- Double Tap – Enter Stereo Mode
- Press and Hold (4 seconds) – Enter Pairing Mode
- Press and Hold (8 seconds) – Disables Bluetooth™

Range

The EXM's Bluetooth™ operating range is rated for 10 meters (33 feet) line of sight. The quality of the link can be affected by an excess of traffic in the 2.4 GHz bandwidth or structures between the Bluetooth™ unit and the streaming device.

Note: When connected with Bluetooth™, ALL audio is streamed from your device. If you don't want your streaming music to be interrupted, turn off 'notifications' on your device

Channel Controls

Level Control

The EXMMobile8 features active channel input circuitry with exceptionally high audio headroom. The Level control adjusts the channel gain over an 85 dB range. Use this control to adjust the channel's level in the overall system mix.

Shape Control

Setting this control towards 'Music' shapes the response to be suited for reproducing prerecorded music while setting the control towards 'Speech' accentuates the mid-frequencies which help speech and vocals. The response is flat in the center position.

Reverb Control

This control determines how much Reverb is applied to the corresponding channel.

Master Section

Master Control

The Master Control is used to set the overall level of the Yorkville EXMMobile8.

Note: When two systems are linked together, the Master Control only affects the level of the unit on which it is located.



Main Output / Main Input Section

In situations where additional bass or input channels are needed, The Link jacks can be used to connect multiple EXM 70/Mobile/Mobile12/Mobile8 systems and/or a subwoofer.

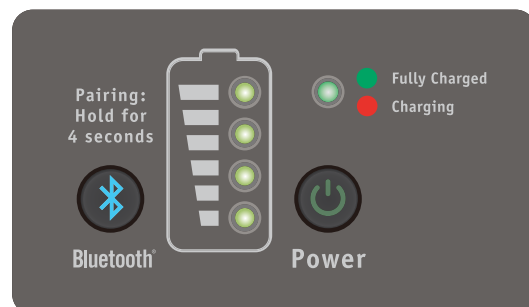
Main Output and Main Input Jacks

The Main Output and Main Input jacks are in parallel and we have provided both a male and female XLR to help make it more convenient to 'link' EXM 70/Mobile/Mobile12/Mobile8 enclosures together. To use the Link feature, insert a standard XLR patch cable between cabinets.

Battery Status Indicators

The EXM Mobile/Mobile12 has a series of four green LEDs to indicate the approximate charge level. The upper green LED is illuminated if there is greater than 75% charge in the battery. The red LED only will indicate that the battery is critically low (approximately 10% remaining) and needs immediate charging.

The indicators will be engaged only when the power switch is turned on.



Low-Power "Sleep" State

The EXMMobile8 features a special "sleep" mode which reduces energy consumption when the system is not in use and this also preserves battery life. This mode is automatic and nearly undetectable to users when the EXMMobile8 is configured properly. To ensure the sleep state doesn't interfere with normal operation, the output level should be controlled with the Master control, especially where quiet playback is desired.

Charging Indicator

Whenever AC is connected to the unit, the charging indicator will be turned on. If it is green, the unit is fully charged. If it is red, the unit is in the process of charging.

Charging the EXMMobile8

To charge the EXMMobile8, plug it into an AC power source using the included power cord. The charging indicator LED is the best indication of the charging status; even if all of the battery status LEDs are lit, there is still possibly some additional charging time required. The EXMMobile8 can be safely left connected to AC power for charging indefinitely. It will intelligently control its own charging regime when plugged in long-term.

The EXMMobile8 will not charge when the temperature is below 0° C or above 45° C.

If the EXMMobile8 is going to be stored unused for a long period of time (greater than 6 months) it is advisable to periodically plug it in to charge up the battery.

If the EXMMobile8 has been stored for a long period of time unused and it has not been maintained, it is advisable to connect the charger and leave it plugged in for approximately 24 hours.

THIS UNIT CAN
BE OPERATED
WHILE CHARGING!



The EXM Mobile Series is delivered with 40-50% of the charge capacity. Please charge your unit for 5-hours prior to initial battery operation!

Introduction

Félicitations pour votre achat de l'EXMMobile8. Cette enceinte de sonorisation compact a été conçue avec suffisamment de fonctionnalités pour répondre aux besoins des performances en direct et les petits concerts de DJ tout en étant le nec plus ultra en matière de portabilité.

Voici quelques unes des caractéristiques de l'EXMMobile8 de Yorkville:

- Enceinte de sonorisation compacte avec une table de mixage intégrée à 3 canaux avec effets.
- Durée de vie de la batterie de 5,5 heures à plein volume ; plus de 24 heures d'autonomie pour les applications légères.
- 3 entrées micro (XLR, tous les canaux), entrée ligne/instrument symétrique (1/4 pouce Canal 1), entrée instrument (1/4 pouce symétrique Canal 2), entrée ligne (1/4 pouce symétrique Canal 3) Entrée auxiliaire (1/8 pouce Canal 3)
- Connexion Bluetooth™ pour le streaming audio sur le système.
- Évolutif, la conception permet au système de se développer pour répondre à différents besoins.
- Facile à associer à un subwoofer compact pour rehausser les basses.
- Entrée/sortie Link pour connecter ensemble deux ou plusieurs systèmes EXM 70/Mobile/Mobile12/Mobile8.
- Reverb sur les canaux 1 et 2

Ce manuel explique les différentes caractéristiques et fonctions de l'EXMMobile8. Pour des informations générales sur le mixage et d'autres facettes de la sonorisation, consultez nos guides de l'utilisateur P.A. disponibles sur notre site Web (<http://www.yorkville.com>).

Configurations du Système

La nature évolutive de l'EXMMobile8 de Yorkville permet plusieurs configurations qui peuvent être utilisées pour répondre à vos besoins. En voici quelques exemples:

