



ASSEMBLY INSTRUCTIONS

GSL-S SERIES | THE GREYSTONE SOUND LECTERN

ASSEMBLY MANUAL



Dear Customer, Thank you for your purchase. Although extreme care goes into manufacturing & packaging of this product, mistakes are possible. If you encounter any missing parts or difficulty in assembly, please contact our customer service Toll Free at **1-800-261-4112** or **info@nationalpublicseating.com** for courteous & immediate resolution to your problem.

TECHNICAL SPECIFICATIONS

Power Output	50W RMS at 10% THD	Power Supply.....	110-120V ohms DC 10.8 12V
Mic.....	Elect Condenser Mic (2)	Fuse.....	2A normal
Aux.....	150 mV 220k	Output.....	8 ohms
Frequency.....	100HZ-25KHZ	Accessories.....	Gooseneck; Shock mount
Response.....	+ 3dB		Mic Holder.

ASSEMBLY TIPS

- Do not use a sharp instrument such as a Knife or Screwdriver to open the packaging, as this may scratch or possibly damage the unit.
- All assembly should be done on a clean protected surface such as carpet or the like.
- Make sure that you have all the required Parts.
- Read the instructions carefully and follow the Diagrams to ensure an easy and correct assembly.

TOOLS REQUIRED

1

Phillips or Power Screwdriver

INCLUDED TOOLS

2

Enclosed Wrench

INCLUDED PACKET 1

3

Black Knobs x2

4

Phillips Head Knob Screws x2

INCLUDED PACKET 2

5

Door Pivots x4

6

Keys for Door Lock x2

INCLUDED PACKET 3

7

Phillips Zinc Plated 12mm Screws x12

8

Phillips Head Black 15mm Screws x12

9

Phillips Head Black 10mm Screws x8

10

Phillips Head 25mm Screws x2

PARTS FOR SOUND SYSTEM

11

Amplifier

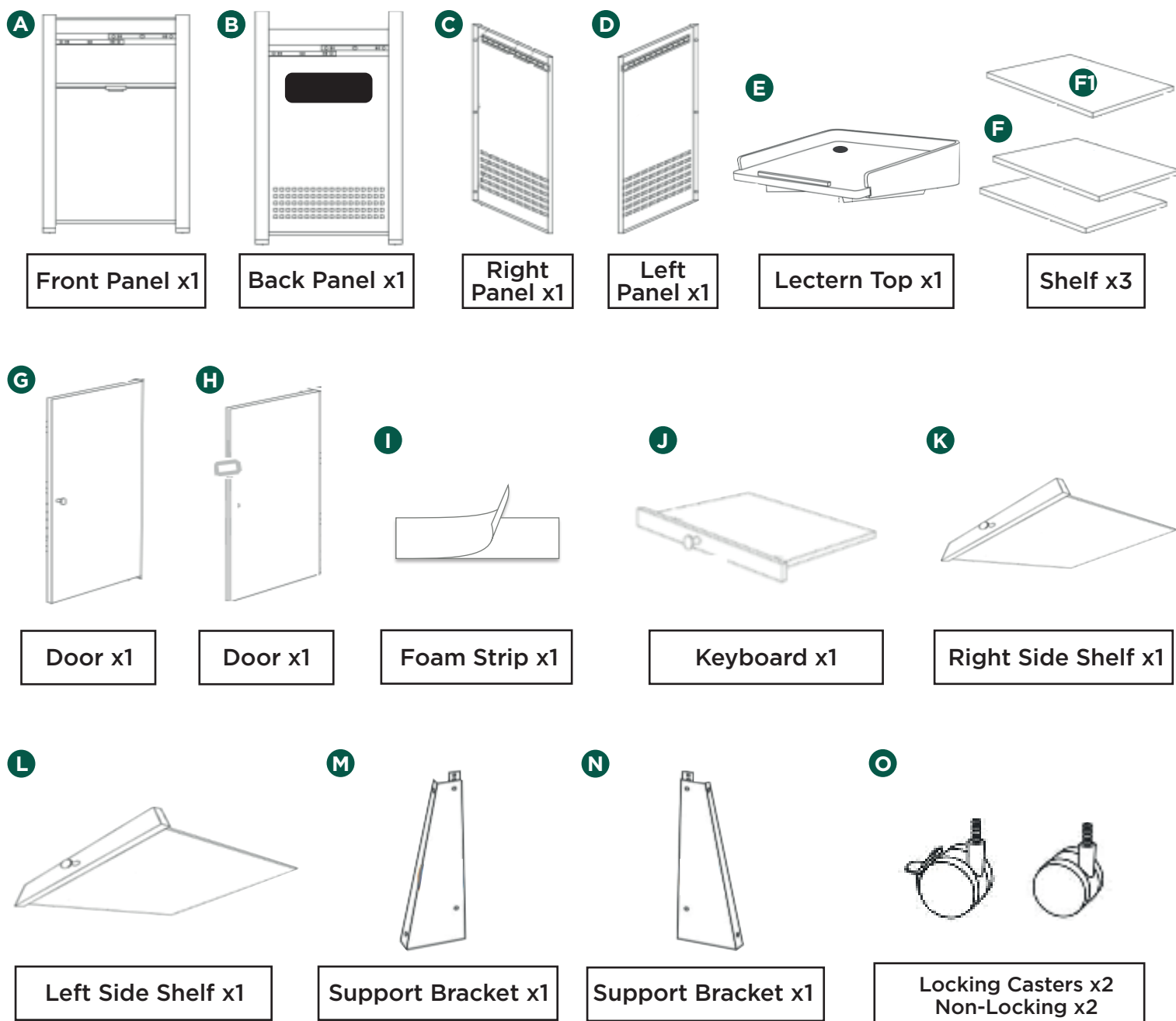
12

Gooseneck Microphone

13

Tie-clip Microphone

CABINET PARTS



CASTER INSTALLATION

1 Install the two Locking Casters **O** on the front tubes of Panel **A**. Use the Enclosed Wrench **2** to tighten. See *Diagram 1*.

2 Install the two Non-Locking Casters **O** to back tubes of Panel **B**. Use the Enclosed Wrench **2** to tighten. See *Diagram 2*.

Diagram 1

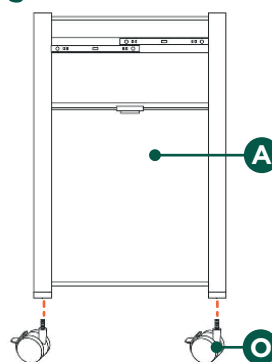
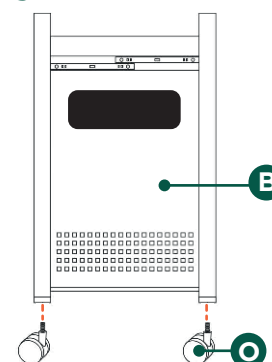


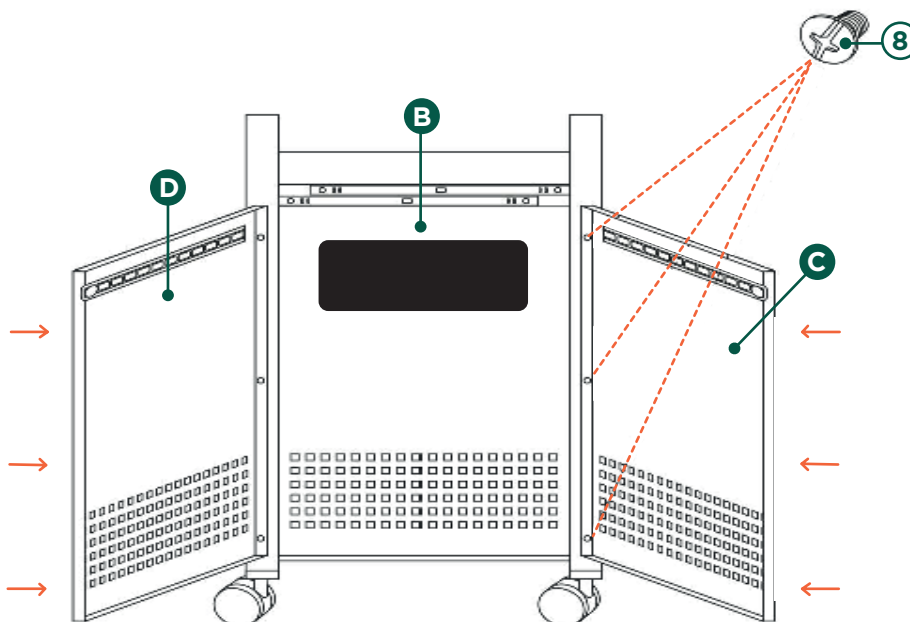
Diagram 2



ATTACHING BACK PANEL TO SIDE PANELS

- 1** Lay Back Panel **B** on a floor or flat surface. Take Side Panel **C** and align holes on side to holes on tubes on right side of Panel **B**. Install by using three Black 15mm Phillips Head Screws **8** from Hardware Packet 3.
- 2** Next, take side Panel **D** and align holes on side to holes on left side of tube of Panel **B**. Install by using three Black 15mm Phillips Head Screws **8** from Hardware Packet 3.

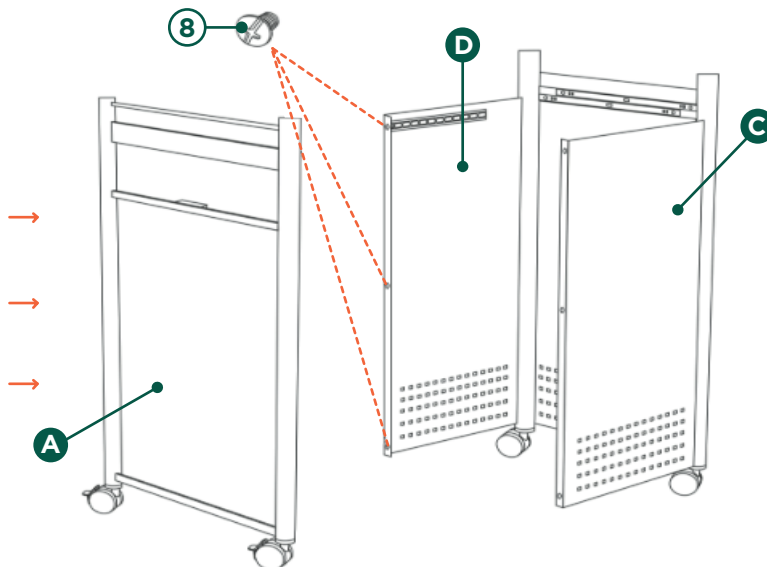
Diagram 3



ATTACHING FRONT PANEL TO SIDE PANELS

- 1** Lift partially assembled unit to an upright position and begin by aligning holes of right side of tube of Front Panel **A** to holes on Side Panel **C**. Install by using three Black 15mm Phillips Head Screws **8** from Hardware Packet 3.
- 2** Next, align holes of left side of tube of Front Panel **A** to holes on left side of Panel **D**. Install by using three Black 15mm Phillips Head Screws **8** from Hardware Packet 3 as shown.

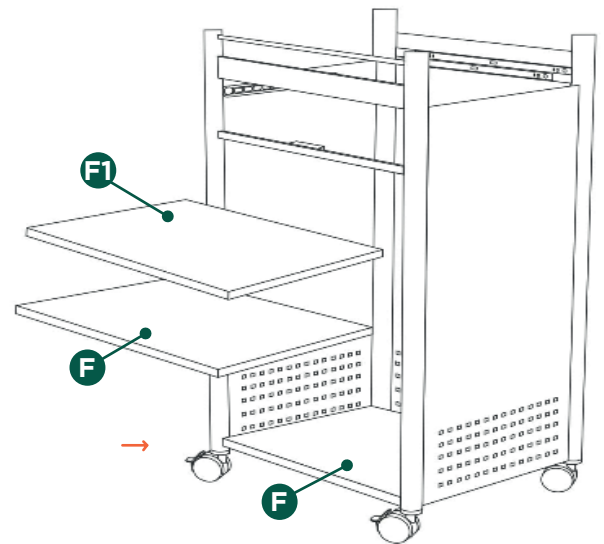
Diagram 4



CABINET SHELF INSTALLATION

- 1 Place one Shelf **F** at the bottom of Cabinet assuring that it is firmly resting on ledges of the interior of the side and back Panels of Cabinet.
- 2 While holding on a slanted position, place the remaining middle Shelf **F** on the ledges of side Panels assuring it is firmly resting on ledges of the interior of the side Panels of cabinet.
- 3 While holding on a slanted position, place the top (smaller) Shelf **F1** on the ledges of side Panels assuring it is firmly resting on ledges of the interior of the side Panels of Cabinet. Be careful not to damage speaker Panel during the process. See *Diagram 5*.

Diagram 5



DOOR ASSEMBLY & INSTALLATION

- 1 Identify Left Cabinet Door **H** and using Pivot Pins **5** from Hardware Packet 2, install a Pivot into the pre-drilled holes on the bottom and top of Doors. *Diagram 6*.
- 2 Identify Right Cabinet Door **G** and using Pivot Pins **5** from Hardware Packet 2, install a Pivot into the pre-drilled holes on the bottom and top of Doors. *Diagram 7*.

Diagram 6

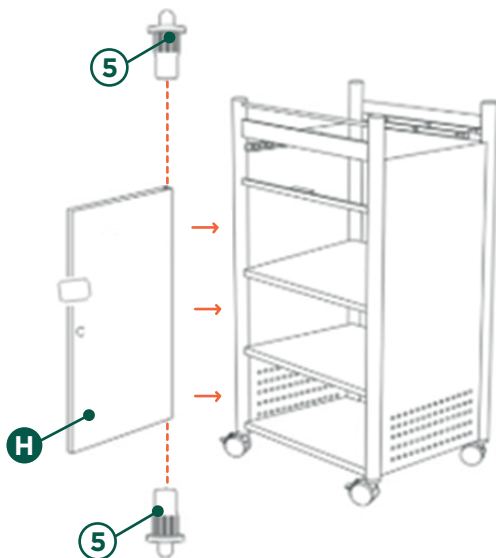
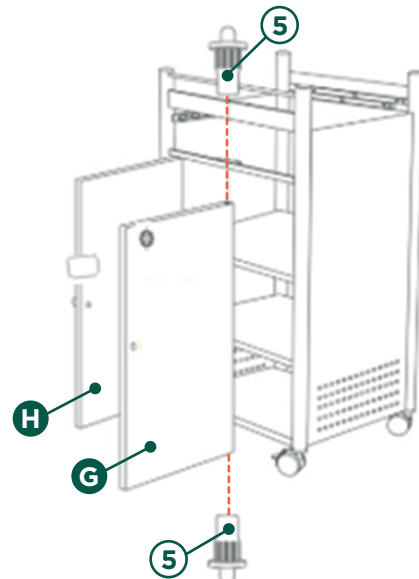
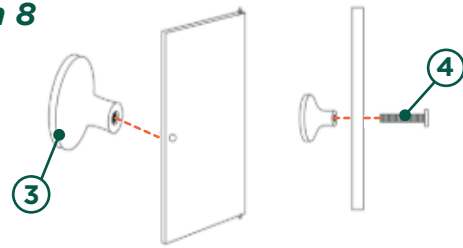


Diagram 7



- 3** Using Silver Phillips Head Screws **④** and Black Handles **③** from Hardware Packet 1, install Door Knobs **③** onto Panels **G** & **H** using a Philips Screwdriver **①**. See *Diagram 8*.

Diagram 8



- 4** While holding Door **H**, insert Pivot **⑤** of bottom of Door into the hole located on left side of cabinet bottom. Align Door with the top of Door Frame and slide upper Pivot into hole at left side of Door Frame top. See *Diagram 9*.

Diagram 9



- 5** While holding Door **G**, insert Pivot of bottom of Door into the hole located on right side of cabinet bottom. Align Door with the top of Door Frame and slide upper Pivot into hole at right side of Door Frame top. See *Diagram 10*.

Diagram 10



TOP ASSEMBLY & INSTALLATION

- 1** Carefully remove Lectern Top **E** from carton and place upside down. See *Diagram 11*.
- 2** Identify right & left Lectern Support Brackets **M** & **N**.
- 3** Place Bracket **M** on right side aligning with pre-drilled holes on under side of Top.
- 4** Using four Phillips-Head Black 10mm Screws **⑨** from Hardware Packet 3, install by tightly screwing Screws into pre-drilled holes. Repeat this step for Left Side Bracket **N**. Assure to Screw flat side of Brackets (with tracks facing the center) to underside of Lectern Top **E**. See *Diagram 11*.
- 5** Once support brackets **M** & **N** are attached to underside of top, begin top attachment using two people. One person should hold top with front slanted downwards and align round grooves at the corners of underside of Top with top of front metal posts. At this point, the second person should take the microphone cable that is protruding from the lectern top and insert it through the oval shaped hole at the left side of the back metal tube. Once this step is completed place grooves snugly onto top of posts and proceed to do the same for grooves at back of underside of top assuring that the round underside grooves are tightly inserted over posts. See *Diagram 12*.
- 6** Using the four remaining four Phillips-Head Black 10mm Screws **⑨** from Hardware Package 3, secure cabinet to top by installing Screws through holes in metal strip at front of Cabinet and at back through tabs located at top of posts. See *Diagram 13*.

Diagram 11

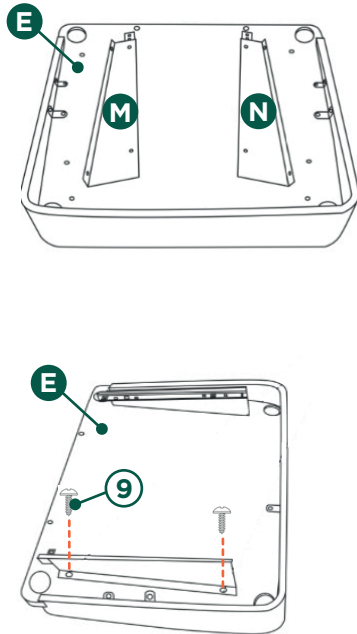


Diagram 12

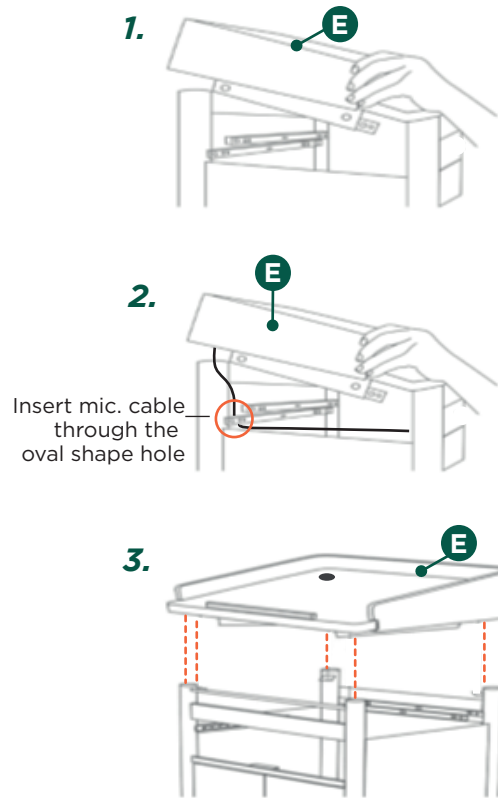
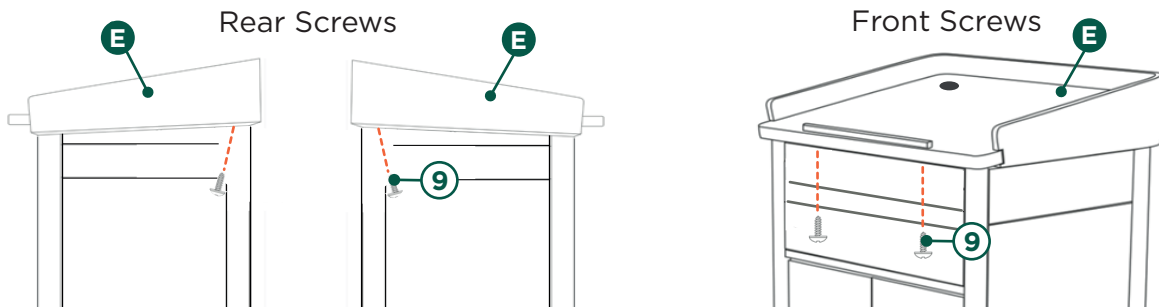


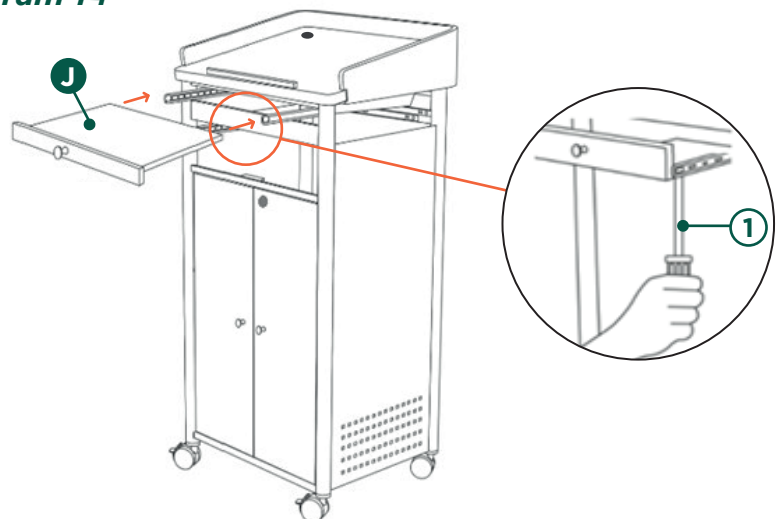
Diagram 13



KEYBOARD INSTALLATION

- 1 Identify Keyboard Panel **J**.
- 2 Slide Keyboard **J** into Tracks that are located just below top of Lectern. See **Diagram 14**.
- 3 Using four Zinc plated 12mm Philip-Head Screws **7**, (found in Packet #3) attach Keyboard **J** to Tracks by installing Screws through tabs located underneath of Keyboard. See **Diagram 14**.

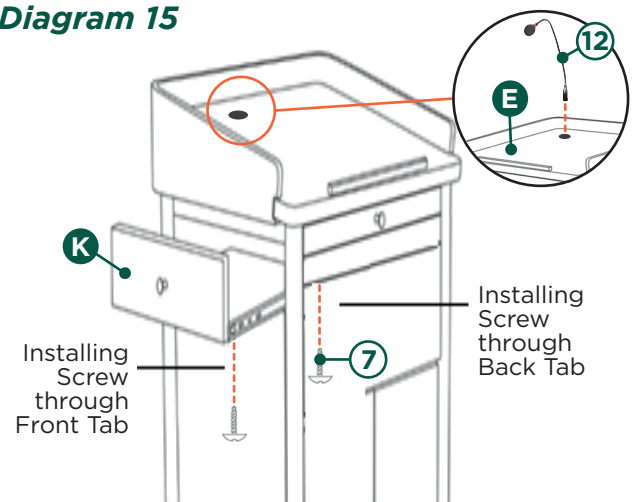
Diagram 14



SIDE SHELF ASSEMBLY & INSTALLATION

- 1 Identify right Side Shelf Front Panel **K**.
- 2 Pull the sliding Tracks out and place Shelf on top of Track Tabs.
- 3 Using four zinc plated 12mm Phillips-head Screws **7**, attach shelf to tracks by installing Screws through the Track Tabs. Note that to reach back Tabs, you will need to place Screwdriver **1** through opening in front of cabinet. See **Diagram 15**.
- 4 Repeat these Steps for left Shelf **L** installation. Connect Gooseneck Mic. **12** to XLR plate.

Diagram 15



AMPLIFIER INSTALLATION

See **Diagram 16**.

- 1 Carefully remove Amplifier **11** from the carton.
- 2 Remove the Adhesive Backing from one side of the Foam Strip **1** and apply it to the metal cross brace located under the Keyboard tray. After Foam Strip is in place remove the Adhesive Backing from the other side.
- 3 Connect the red and black speaker wire at the back of unit **B** into the Amplifier speaker input; then insert the microphone cable (routed through the hole during the Top Installation **5**) into the Amplifier's microphone jack.
- 4 Fit the Amplifier **11** into the opening under the Keyboard tray by placing the bottom onto the front cabinet brace while allowing the top to attach to the Adhesive Strip. Once in place, use two Screws **10** found in Packet #3, to secure the Amplifier from underneath the brace. See **Diagram 17**.

Diagram 16

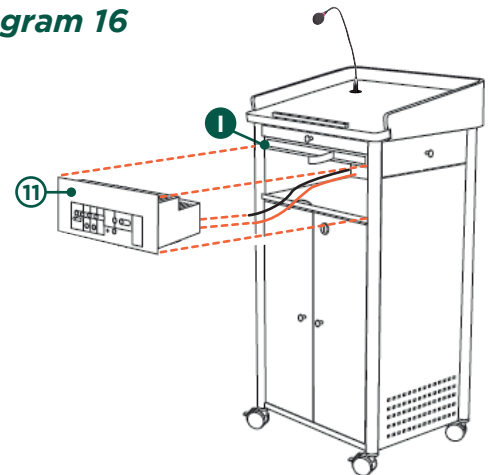
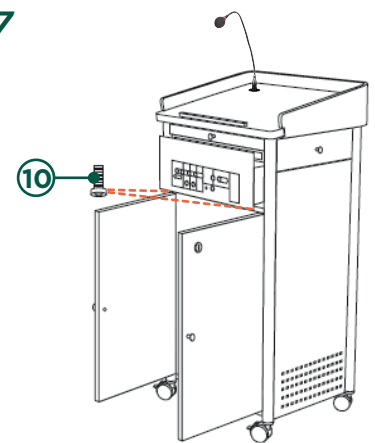


Diagram 17



Double check all Bolts and Screws to be tightened securely before use. Check all Bolts and Screws periodically. Failure to completely tighten the Bolts and Screws may result in tipping and possible injury!

Congratulations, your GREYSTONE SOUND LECTERN is now assembled and ready to be used!

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OPERATING PRECAUTIONS

Before operating the Amplifier, be sure you fully understand all instructions and features of the Amplifier. DO NOT turn Amplifier on until all input and output connections have been made. NEVER replace fuses unless power is off.

MICROPHONE INPUT CONNECTION

The Microphone input accepts 1/4" phone jack. Do not position Microphone next to or facing speakers. This may cause acoustic feedback.

WIRELESS OPERATION

Turn on the power on both the wireless receiver and wireless mic-1 making sure both are set to matching channels, either "A" or "B".

AUXILIARY INPUT

One auxiliary input is provided for radio tune; tape recorder, CD player or Multimedia equipment. Output level is adjusted by the auxiliary volume control.

TONE/EQUALIZATION CONTROLS

The Low and High frequency controls are similar to the bass and treble controls found on most stereo systems. Optimum tone is achieved by first setting both knobs halfway; adjust Low and High frequency controls to suit environment.

AUXILIARY / LINE OUT

Connect speaker Line to navy line out connector of the Amplifier. For maximum power transfer and to avoid Amplifier overload, be sure that the total impedance of the speaker line matches the output impedance setting on Amplifier. Be sure that speaker terminals are not shorted together by speaker line connecting cables. Can also be used for a recording device.

POWER SUPPLY 12V DC OPERATION

Connect a 12 volt rechargeable battery 5 amp (not included) to the battery input connector located on the panel of the Amplifier (using 6' battery cable). Note the positive line is equipped with an in-line fuse, as this is the only polarity identifier. Be sure that the positive line (in-line fuse) is connected to the positive pole of the battery (Red terminal) and the negative line (no fuse) is connected to the negative pole (Black terminal).

When Lectern is plugged into a standard wall outlet, the battery will automatically recharge. Green indicator light illuminates during recharge mode.

PRECAUTIONS

- Set Mic volume control on lowest when turning unit on.
- Ensure correct polarity for D.C. supply connections.
- Reverse connections will blow the fuse and may damage internal circuitry.
- Always replace fuse with specified rating.

REMOVAL AND INSTALLATION OF AMPLIFIER

If your Amplifier has to be removed for servicing follow these simple Steps:

- 1 Disconnect A/C wall plug.
- 2 Open the cabinet Doors and remove the two screws that go from the metal brace into the bottom of the Amplifier.
- 3 Gently pry out the Amplifier beginning from the top portion.
- 4 Disconnect gooseneck microphone cable from amplifier.
- 5 Disconnect Speaker Wire at rear of Amplifier.
- 6 Pack it into a strong box with ample cushioning and return to factory.
- 7 To install new Amplifier reverse the above procedure.

BLUETOOTH AND USB INSTRUCTIONS

- 1 Turn Power button on.
- 2 Press & hold MP3 Power button once to activate.
- 3 Insert USB drive or turn on Bluetooth function on your device.

OPERATIONAL FUNCTIONS WHILE DEVICE IS PLAYING

- Press & hold down Vol + button to increase volume.
- Press & hold down Vol - button to decrease volume.
- Press MP3 Power button once to pause; press again once to resume.
- Press & hold MP3 Power button to stop.
- Press Vol + button once to play next track.
- Press Vol - button once to play previous track.
- Turn Tone control knobs to adjust Bass & Treble.

