Pearl
e/MERGE PUREtouch TOM/CYMBAL PAD

Set-Up Manual / 取扱説明書

Congratulations on your purchase!
To get optimum performance of your e/MERGE PUREtouch Tom / Cymbal Pad,
please read this manual before set-up.
This manual should be retained for future reference.

この度は、パールエレクトリックドラム "e/MERGE PUREtouch タム・シンバルパッド" を
お買い上げいただき誠にありがとうございます。
製品の機能を十分に発揮してお使いいただくために、組立前に必ずこの説明書をお読みください。

15" Crash Cymbal Pad
15" クラッシュシンバルパッド

10" / 12" / 14" Tom Tom Pad
10" / 12" / 14" タムパッド

Crash Cymbal Components
クラッシュシンバル付属品

Cymbal Mount
シンバル受け
Felt
フェルト
Cushion
クッション

Tom Pad Components
タムパッド付属品

TRS Cable
ケーブル
Hex Wrench
六角レンチ
Precautions

EXPOSURE
Exposing this product to the following environments may result in malfunction or damage to equipment.

- Direct sunlight
- Extreme temperatures or humidity
- Heavy dust or dirt
- Excessive vibration
- Magnetic fields

Handling
To avoid damage, do not apply excessive force to the jacks and adjustment bolts.

Care
If the exterior becomes dirty, wipe it with a clean, dry cloth. Do not use liquid cleaners such as benzene or thinner, or cleaning compounds or flammable polishes. Do not disassemble or modify this product.

Keep this manual
After reading this manual, please keep it for later reference.

Keeping foreign matter out of your equipment
Never set any container with liquid in it near this equipment. If liquid gets into the equipment, it could cause a breakdown, fire, or electrical shock. Be careful not to let metal objects get into the equipment.

Cautions for use

The response of each pad will vary slightly depending on head tension, playing style and maintenance. Please take note of the preceding “Cautions for Safety.”

Do not place heavy objects on the head for long periods
Applying constant pressure to the head surface for prolonged periods will deform the shape of the rubber cushion and sensor located under the head, negatively affecting the playability of the instrument. Avoid placing heavy objects on the head or placing the tom pads and cymbal pads upside down for extended periods. Do not store the cymbal pads vertically while not in use.

Disposal Notice (EU only)

The “Crossed-Out Wheeled Bin” symbol marked on parts of this product and manual signifies specific disposal methods must be used in accordance with applicable laws and regulations in your locality. If needed please contact your local administrative body for guidelines. Discard these items only in the appropriate approved manner and do not include them with ordinary household waste. Proper disposal will prevent harm to human health and potential damage to the environment. A “Chemical” symbol is used below the “Crossed-Out Wheeled Bin” symbol on the battery or battery package for specific disposal methods. Batteries contain various amounts of heavy metals and should always be disposed of properly in accord to your local regulations.
15” CYMBAL PAD SET-UP
15” シンバルパッドの組立

1. Attach and position the CH-830ES securely onto the rack using a recommended clamp. Unscrew and remove the Cymbal Nut from the Cymbal Holder. Insert the Cymbal Mount onto the Cymbal Tilter until fully seated as shown. Tighten the hexagonal screw with the provided wrench (Fig.1).

シンバル受けをシンバルティルターのロッドに根元まで差し込み、付属の六角レンチで固定します (Fig.1)。

2. Place the 15” Crash Cymbal Pad onto the Cymbal Mount. Install the Cushion, Felt and Cymbal Nut as shown (Fig.2).

シンバル受けが付いたティルターを15”クラッシュシンバルパッドの穴に通し、クッション、フェルト、ウイングナットの順番に取付けます (Fig.2)。

3. Connect the provided TRS cable to the Crash Cymbal Pad (Fig.3).

付属のケーブルを追加シンバルパッドのジャックへ接続します (Fig.3)。

Hints / ヒント
- Do not over-tighten the hexagonal screw.
- 締めすぎにご注意ください、シンバル受けが破損する恐れがあります。
- Before installation check to ensure cymbal mount hexagonal screw is loose, if not then loosen. Do not use force to insert the cymbal mount onto the tilter.
- シンバル受けが根元まで通らない場合、付属の六角レンチでネジを少し緩めてください。

Note / 注意
- For proper playing position, ensure the Pearl Logo Plate is positioned “away” from the player (Fig.4).
- パールロゴプレートを演奏者と反対側になるようにセットしてください (Fig.4).
4. Insert the TRS cable from Cymbal Pad into ACC2 or ACC3 of the Sound Module (Fig. 5).

Note / 注意
• TOM4/ACC1 input is equipped with WAVE TRIGGER TECHNOLOGY for proper Tom Pad sound and is primarily designated for this application.
• WAVE TRIGGER TECHNOLOGY is not available on ACC2 & ACC3 inputs and is best suited for additional Cymbal or Bass Drum Pads (Fig.5).

Hint / ヒント
• TOM4/ACC1 input may be used for cymbal pads to trigger sounds that do not require WAVE TRIGGER TECHNOLOGY.
• シンバルパッドは、TOM4/ACC1への接続も可能です。

PLAYING THE CYMBAL PAD
シンバルパッドの奏法について

Note / 注意
• The Cymbal Pad response to various playing styles depends on the instrument selected on the eMERGE Sound Module.
For adjustment details, refer to the eMERGE Sound Module Owner’s Manual.
• 鼓音源で選択されている音色によって、各奏法への対応が異なる場合があります。
詳しくは、ドラム音源の取り扱い説明書をご覧ください。

Bow Strike / ボウ・ストライク
Playing the “Bow” or middle area of the Cymbal Pad corresponds to the sound of the “head-surface” of the connected trigger input (Fig.6).

カット付近かかえてスティックで叩く強さにより音量のコントロールが可能です。
弱いタッチでは粒の立つ音色が響き、強いタッチではクラッシュ音が発音されます (Fig.6)。

Edge Strike / エッジ・ストライク
The “Edge Strike” is the most common playing method for crash cymbal sounds and involves striking the edge of the Cymbal Pad with the shoulder of the stick. When played as shown in the figure, the rim sound of the connected input is triggered (Fig.7).

シンバルパッドのエッジ部（縁）を叩くとより大きなクラッシュ音が得られます。スティックによる音量のコントロールも可能です (Fig.7).
Choke Feature / チョーク奏法

To access the cymbal “Choke” function, grasp the edge sensor located as shown in (Fig.8) after the cymbal is struck to stop/mute the sound. Also, striking the cymbal while grasping the “Choke” sensor leaves the cymbal in a choked or muted state producing a shorter/muted note with less sustain (Fig.8).

シンパルパッド裏にスイッチがあり、アコースティックシンパル同様にシンパルパッドを叩いたあとチョークスイッチを触ると余韻を残し音が止まります (Fig.8)。
また、チョークをしたまま叩くことも可能です。

Hints / ヒント

- The “Choke” function only works using the “Choke” sensor located on the bottom edge of the Cymbal Pad as shown in (Fig.9). For ease of access, point it toward the player during kit set-up.
- スイッチのない部分をつかんでも音は止まりません (Fig.9).

Note / 注意

- To avoid damaging the pads, use only wood or plastic drumsticks. Use of carbon or metal drumsticks will damage the pad surface and cause the sensor to malfunction.
- Use of nylon brushes is acceptable. Avoid the use of metal brushes; these will scratch the pad surface and cause the sensor to malfunction.

- 木製や樹脂製のスティックをお使いください。カーボン製や金属製のスティックを使うと、センサーが誤作動することがあります。
- ナイロン製のブラシをお使いください。金属製のブラシを使うと、センサーが誤作動したりパッドを傷つけたりすることがあります。
A TH-70E Tom Holder used in conjunction with your choice of PC-8 or PCL-100 Pipe Clamp is necessary to mount the Tom Tom Pad onto the e/MERGE Drum Rack. These items are available for separate purchase.

1. During setup and adjustments, ensure all Tom Holders and Pipe Clamps are secure when attached.

2. Attach the Toms to the Tom Holders and position the height and angles to your preference. When done, set the tab on the Stop Lock into the slot on the Pipe Clamp and Tom Holder Bracket. Then tighten the Key-Bolts with the provided Drum Key to retain the setting (Fig.10).

3. Connect the provided TRS cable to the Tom Pad as shown in (Fig.11).

4. Next, insert the other end of the TRS cable into TOM4/ACC1 of the Sound Module (Fig.12).

Note / 注意
- TOM4/ACC1 input is equipped with WAVE TRIGGER TECHNOLOGY for proper Tom Pad sound and is primarily designated for this application.
- WAVE TRIGGER TECHNOLOGY is not available on ACC2 & ACC3 inputs and is best suited for additional Cymbal or Bass Drum Pads.
- All accessory inputs do NOT support the Rim Trigger located on the Tom Tom Pad.
- TOM4/ACC1 input may be used for Trigger Pads to access sounds that do not require WAVE TRIGGER TECHNOLOGY.
- TOM4/ACC1 へ接続の際 WAVE トリガー・テクノロジーに対応していますが、ラバーリムへのアサインはできませんのでご注意ください。
- タムパッドを1台以上追加の際はACC2, ACC3 へ接続してください。それらACC2, ACC3 へ接続したタムパッドはWAVE トリガー・テクノロジーには対応していません。
- またラバーリムへのアサインはできませんのでご注意ください。
PLAYING THE TOM TOM PAD
タムパッドの奏法について

- Note / 注意
- The Tom Tom Pad response to various playing styles depends on the instrument selected on the e/MERGE Sound Module.
For adjustment details, refer to the e/MERGE Sound Module Owner’s Manual.
- The characteristics of the drum sound vary depending on the instrument selected.
- For details, please refer to the owner's manual of the e/MERGE Sound Module.

Surface Strike / サーフェイスストライク
The entire surface of the Tom Tom Pad will trigger sounds stored in the module.
The pad in conjunction with Wave Trigger Technology (W.T.T.) allows the sound nuance to change gradually depending on the surface area hit. This natural response is similar to playing an acoustic drum from the center of the head to the edge (Fig.13).

センターからエッジにかけて、スティックで叩く強さにより音量のコントロールが可能です (Fig.13)。

Rubber Rim Strike / ラバーリムストライク
Strike the Rubber Rim of the pad to access sound (Fig.14). Available sounds will vary depending on the drum kit chosen. Sounds are assignable to the Rim Trigger. Please refer to the e/MERGE Sound Module Owner’s Manual for instructions.

STICKを使用し、ラバーリムのクッション部分を叩きます。キットによって様々な音色がアサインされています (Fig.14)。

HEAD and RIM TRIGGER REPLACEMENT
タムパッドヘッド交換について
The performance of the PUREtouch Head and Rubber Rim may diminish over time depending on your playing style. Replace the head if torn, fatigued from use, or it will not tension correctly. Replace the Rubber Rim if torn, split or is showing signs of wear that interfere with the rim response.
Please contact your Authorized Pearl Dealer or Service Center for all replacement parts or service.

ヘッドは、使用している年月とともに性能が劣化する消耗部品です。ヘッド面が破れたり、ヘッドの張り具合を正しく調整してもヘッド面にたたむのが困難な場合には、ヘッドやラバーリムのクッションパーセを交換してください。
交換ヘッドのお求めは、お買い上げ店またはパール楽器製造テクニカルセンターにお問い合わせください。

Fig.13

Fig.14
1. Remove all Tension Rods (Fig. 16).

2. Slowly lift the hoop upward and hold it out of the way. Do NOT remove it completely. Next, remove the mesh head (Fig. 17).

3. Place the new PUREtouch head on the shell and ensure the logo is aligned with the shell badge. Lower the hoop onto the head and insert a tension rod into each lug starting them by hand. Use the Tuning Key to tension the head (Fig. 18).

4. Adjust head tension evenly.

Note / 注意
- Apply even tension to the head until no wrinkles are present and the desired feel is achieved.
- Use caution and do not over tension the mesh head. Doing so may result in damage to the head, shell or tension lug.
- Meshheads have variable tensions and need to be tuned. Adjust as necessary.
- Use a meshhead key to ensure the correct tension is maintained.

Hints / ヒント
- Head tension affects the feel and playing response of the head only. Head tension does not affect the pitch of the sound triggered.
- To change the pitch of the sound triggered, use the sound edit function of the e/Merge Module. For adjustment details, refer to the e/Merge Sound Module Owner’s Manual.
- For optimum performance check the head tension periodically for even tension and desired feel. Adjust as needed.

Note / 注意
- The hoop is connected to the input jack located on the shell. Use caution to avoid damaging the connection. Do not use force to move the hoop.
- When removing or replacing the hoop, be sure to push the hoop out of the shell.

Pearl Musical Instrument Co. / パール楽器製造株式会社
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