

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

* Please keep this manual in a safe place for future reference.



WARNING

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

Power supply/AC power adaptor

- Only use the voltage specified as correct for the instrument. The required voltage is printed on the name plate of the instrument.
- Use the specified adaptor (or an equivalent recommended by Yamaha) only. Using the wrong adaptor can result in damage to the instrument or overheating.
- Check the electric plug periodically and remove any dirt or dust which may have accumulated on it.
- Do not place the AC adaptor cord near heat sources such as heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it.

Do not open

- Do not open the instrument or attempt to disassemble the internal parts or modify them in any way. The instrument contains no user-serviceable parts. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Yamaha service personnel.

Water warning

- Do not expose the instrument to rain, use it near water or in damp or wet conditions, or place containers on it containing liquids which might spill into any openings.
- Never insert or remove an electric plug with wet hands.

Fire warning

- Do not put burning items, such as candles, on the unit. A burning item may fall over and cause a fire.

If you notice any abnormality

- If the AC adaptor cord or plug becomes frayed or damaged, or if there is a sudden loss of sound during use of the instrument, or if any unusual smells or smoke should appear to be caused by it, immediately turn off the power switch, disconnect the adaptor plug from the outlet, and have the instrument inspected by qualified Yamaha service personnel.



CAUTION

Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the instrument or other property. These precautions include, but are not limited to, the following:

Power supply/AC power adaptor

- When removing the electric plug from the instrument or an outlet, always hold the plug itself and not the cord.
- Unplug the AC power adaptor when not using the instrument, or during electrical storms.
- Do not connect the instrument to an electrical outlet using a multiple-connector. Doing so can result in lower sound quality, or possibly cause overheating in the outlet.

Battery

- Always make sure all batteries are inserted in conformity with the +/- polarity markings. Failure to do so might result in overheating, fire, or battery fluid leakage.
- Always replace all batteries at the same time. Do not use new batteries together with old ones. Also, do not mix battery types, such as alkaline batteries with manganese batteries, or batteries from different makers, or different types of batteries from the same maker, since this can cause overheating, fire, or battery fluid leakage.
- Do not dispose of batteries in fire.

- Do not attempt to recharge batteries that are not intended to be charged.
- When the batteries run out, or if the instrument is not to be used for a long time, remove the batteries from the instrument to prevent possible leakage of the battery fluid.
- Keep batteries away from children.
- If the batteries do leak, avoid contact with the leaked fluid. If the battery fluid should come in contact with your eyes, mouth, or skin, wash immediately with water and consult a doctor. Battery fluid is corrosive and may possibly cause loss of sight or chemical burns.

Location

- Do not expose the instrument to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components.
- Do not use the instrument in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Otherwise, the instrument, TV, or radio may generate noise.
- Do not place the instrument in an unstable position where it might accidentally fall over.

- Before moving the instrument, remove all connected adaptor and other cables.
- Use only the *stand/rack* specified for the instrument. When attaching the stand or rack, use the provided screws only. Failure to do so could cause damage to the internal components or result in the instrument falling over.
- Do not place objects in front of the instrument's air vent, since this may prevent adequate ventilation of the internal components, and possibly result in the instrument overheating.

Connections

- Before connecting the instrument to other electronic components, turn off the power for all components. Before turning the power on or off for all components, set all volume levels to minimum. Also, be sure to set the volumes of all components at their minimum levels and gradually raise the volume controls while playing the instrument to set the desired listening level.

Maintenance

- When cleaning the instrument, use a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

Handling caution

- Take care that the key cover does not pinch your fingers, and do not insert a finger or hand in any gaps on the key cover or instrument.
- Never insert or drop paper, metallic, or other objects into the gaps on the key cover, panel or keyboard. If this happens, turn off the power immediately and unplug the power cord from the AC outlet. Then have the instrument inspected by qualified Yamaha service personnel.
- Do not place vinyl, plastic or rubber objects on the instrument, since this might discolor the panel or keyboard.
- Do not rest your weight on, or place heavy objects on the instrument, and do not use excessive force on the buttons, switches or connectors.
- Do not operate the instrument for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.

Backup battery (Battery built-in model only)

- If the instrument has a built-in lithium backup battery, internal data (data type depends on the instrument) is retained even if you unplug the power cord from the AC outlet. However, if the backup battery fully discharges, the data will be lost. When the backup battery is running low, the instrument displays an alert message indicating that battery voltage is low. In this case, immediately save the data to *a floppy disk/a Memory Card (SmartMedia)/a SCSI disk/external media such as the Yamaha MDF3 MIDI data filer*, then have qualified Yamaha service personnel replace the backup battery.

Saving data

Saving and backing up your data

• For instruments that do not retain data

Internal data (data type depends on the instrument) will be lost when you turn off the power to the instrument. Save important data to *a floppy disk/a Memory Card (SmartMedia)/the built-in flash ROM/a SCSI disk/external media such as the Yamaha MDF3 MIDI data filer*.

The data saved in the built-in flash ROM could be lost due to malfunction or incorrect operation. Back up important data to *a floppy disk/a Memory Card (SmartMedia)/a SCSI disk/external media such as the Yamaha MDF3 MIDI data filer*.

• For instruments that retain data by using a lithium battery

Internal data (data type depends on the instrument) is retained when the power is turned off, as long as the backup battery retains a charge. However, the data could be lost due to malfunction or incorrect operation. Save important data to *a floppy disk/a Memory Card (SmartMedia)/a SCSI disk/external media such as the Yamaha MDF3 MIDI data filer*.

• For instruments that retain data by using dry cell batteries or a power adaptor

As long as dry cell batteries are installed or the power adaptor is connected, the instrument retains the internal data (data type depends on the instrument) when the power is turned off. If you remove the batteries and disconnect the adaptor, the data will be lost. Save important data to *a floppy disk/a Memory Card (SmartMedia)/a SCSI disk/external media such as the Yamaha MDF3 MIDI data filer*. Keep the power adaptor connected while you replace the batteries to prevent loss of data.

• For instruments that retain data for about 1 week

Internal data (data type depends on the instrument) is retained for about 1 week after the power is turned off. If the period is exceeded, the data will be lost. Be sure to turn the power switch on for a few minutes at least once a week. The data could be lost due to malfunction or incorrect operation. Save important data to *a floppy disk/a Memory Card (SmartMedia)/the flash ROM/a SCSI disk/external media such as the Yamaha MDF3 MIDI data filer*.

Saving factory preset data

- If the instrument comes with built-in factory preset data in flash ROM but no accompanying backup disk, the factory preset data in some area of the flash ROM will be lost when you save your original data to flash ROM. Before saving your original data, be sure to save the factory preset data to *a floppy disk/a Memory Card (SmartMedia)/a SCSI disk/external media such as the Yamaha MDF3 MIDI data filer*.

Backing up the *floppy disk/Memory Card (SmartMedia)/SCSI disk/external media*

- To protect against data loss through media damage, we recommend that you save your important data onto two *floppy disks/Memory Cards (SmartMedia)/SCSI disks/external media*.

Yamaha cannot be held responsible for damage caused by improper use or modifications to the instrument, or data that is lost or destroyed.

Always turn the power off when the instrument is not in use.

(When using a power adaptor) Even when the power switch is in the "STANDBY" position, electricity is still flowing to the instrument at the minimum level. When you are not using the instrument for a long time, make sure you unplug the AC power adaptor from the wall AC outlet.

Make sure to discard used batteries according to local regulations.