

TO ENSURE SAFE AND CORRECT USE

SAFE-UM-AM1

TO ENSURE SAFE AND CORRECT USE

- To ensure safe and correct use of your cutting plotter, read this Manual thoroughly before use.
- After having read this Manual, keep it in a handy location for quick reference as needed.
- Do not permit small children to touch the cutting plotter.
- The following describes important points for safe operation. Please be sure to observe them strictly.

Conventions Used in This Manual

To promote safe and accurate use of the cutting plotter as well as to prevent human injury and property damage, safety precautions provided in this manual are ranked into the three categories described below. Be sure you understand the difference between each of the categories.



DANGER

: This category provides information that, if ignored, is highly likely to cause fatal or serious injury to the operator.



WARNING

: This category provides information that, if ignored, is likely to cause fatal or serious injury to the operator.





CAUTION



: This category provides information that, if ignored, could cause injury to the operator or physical damage to the cutting plotter.

Description of Safety Symbols





The  symbol indicates information that requires careful attention (which includes warnings). The point requiring attention is described by an illustration or text within or next to the  symbol.



The  symbol indicates action that is prohibited. Such prohibited action is described by an illustration or text within or next to the  symbol.



The  symbol indicates action that must be performed. Such imperative action is described by an illustration or text within or next to the  symbol.

Safety Precautions

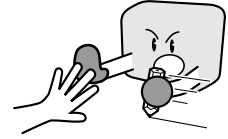
WARNING

During a cutting or plotting operation, do not touch the writing panel or moving parts such as the carriage.

- Such action may cause human injury.



Do not touch

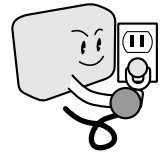


Be sure to ground the earth terminal.

- If the cutting plotter is not grounded, the operator could suffer an electrical shock in case of current leakage.



Ground the cutting plotter

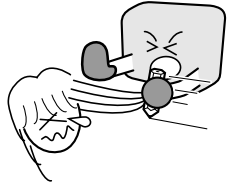


Keep your hands, hair, etc. away from the writing panel and moving parts such as the carriage even if the cutting plotter is stopped, because it may suddenly start moving when data is received.

- Such action may cause human injury.



Keep your distance



Do not disassemble, repair, or remodel the cutting plotter.

- Such action may cause electrical shock or a fire hazard due to current leakage.
- Contact with the high-voltage parts within the cutting plotter may cause electrical shock.
- If the cutting plotter requires repair, contact your sales representative or nearest Signwarehouse vendor.



No disassembly

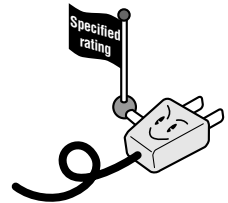


Do not connect the cutting plotter to a non-rated power supply.

- Use of a different supply voltage may result in electrical shock or a fire hazard due to current leakage.



Prohibited



Do not use the cutting plotter in a location where it will be exposed to water, rain or snow.

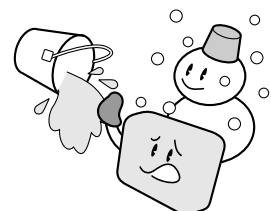
- Such location may cause electrical shock or a fire hazard due to current leakage.



Avoid water



Beware of electrical shock



Safety Precautions (Continued)

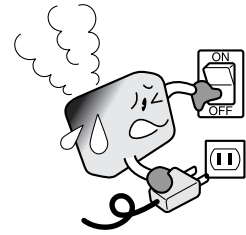
WARNING

If the cutting plotter generates smoke, is too hot, emits a strange odor, or otherwise functions abnormally, do not continue using it. Turn off its power and unplug its power cord from the electrical socket.

- Use of the cutting plotter in such status may result in a fire hazard or electrical shock.
- After confirming that smoke is no longer being generated, contact your sales representative or nearest Signwarehouse vendor to request repair.
- Never try to perform repair yourself. Repair work by inexperienced personnel is extremely dangerous.



Prohibited

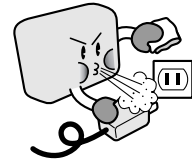


Do not allow dust or metallic matter to adhere to the power plug.

- A dirty power plug may result in electrical shock or a fire hazard due to current leakage.



Prohibited



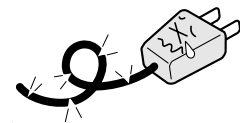
Beware of electrical shock

Do not use the power cord if it is damaged.

- Use of a damaged cord may result in electrical shock or a fire hazard due to current leakage.
- Replace the power cord with a new one.



Unplug the power cord from the socket

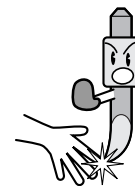


Be careful when handling the cutter blade.

- Touching the blade with your bare hand may cause injury.
- During a cutting operation, keep away from the cutter blade.



Avoid contact



Safety Precautions (Continued)

CAUTION

Do not use or store the cutting plotter in a location exposed to direct sunlight or the direct draft of an air conditioner or heater.

- Such location may impair the performance of the cutting plotter.



Prohibited

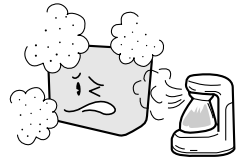


Do not use the cutting plotter in an excessively dusty or humid location.

- Such location may impair the performance of the cutting plotter.



Prohibited



Do not place any receptacle containing water or other fluid on top of the cutting plotter.

- Fluid falling inside the cutting plotter may cause electrical shock or a fire hazard due to current leakage.



Avoid water



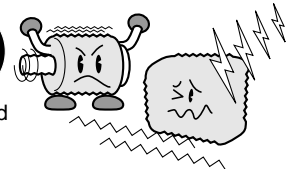
Beware of electrical shock

Do not use the cutting plotter in a location subject to excessive mechanical vibration or electrical noise.

- Such location may impair the performance of the cutting plotter.



Prohibited

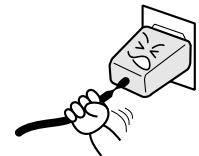


When disconnecting the power cord or an interface cable, do not pull on the cord/cable.

- Such action will damage the cord/cable, resulting in a fire hazard or electrical shock. Be sure to hold the power cord's plug or the interface cable's connector.



Prohibited

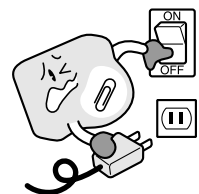


If water or foreign matter enters inside the cutting plotter, do not continue using it. Turn off its power and unplug its power cord from the electrical socket.

- Use of the cutting plotter in such status may result in electrical shock or a fire hazard due to current leakage.
- Contact your sales representative or nearest Signwarehouse vendor to request repair.



Unplug the power cord from the socket



Safety Precautions (Continued)

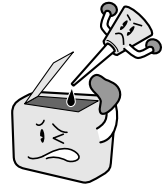
CAUTION

Do not attempt to lubricate the cutting plotter's mechanisms.

- Such action may cause it to break down.



Prohibited

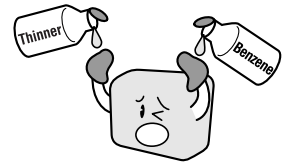


Do not clean the cutting plotter using a volatile solvent such as thinner or benzene.

- Such action may impair its performance.



Prohibited

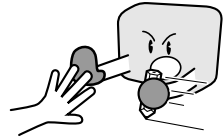


During cutting or plotting, provide enough space around the cutting plotter so that the medium will not hit any objects in its vicinity.

- Such contact may cause cutting or plotting to go out of alignment.



Contact prohibited



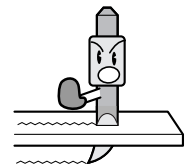
When using indoor lighting such as a fluorescent lamp or an electrical lamp, provide a distance of at least one meter between the cutting plotter and the light source.

- Closer proximity of such a light source may cause the sensor to malfunction and prevent proper size detection of the media.



When using the cutter, be sure not to extend its blade more than necessary.

- An overly extended blade will damage the cutting mat and adversely affect the cutting quality.



When manually moving the pen carriage in order to load a medium or for other reasons, move the pen carriage slowly.

- Moving it quickly may cause damage to the cutting plotter.



WARNING:

The United States Federal Communications Commission has specified that the following notice must be brought to the attention of users of this product.

FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

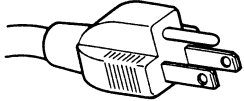
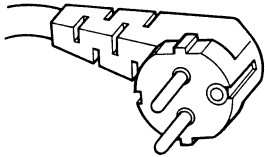
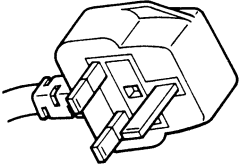
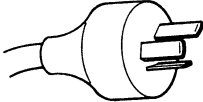
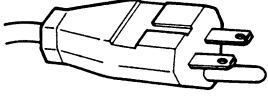
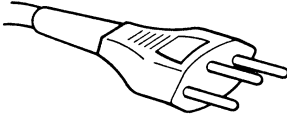
NOTE : This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

USE SHIELDED CABLES

To comply with FCC Class A requirements, all external data interface cables and connectors must be properly shielded and grounded. Proper cables and connectors are available from Signwarehouse's authorized dealers or manufacturers of computers or peripherals. Signwarehouse is not responsible for any interference caused by using cables and connectors other than those recommended or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

Selecting a Power Cable

Be sure to refer to the following table if you wish to use a cable other than the one supplied as an accessory.

Plug Configuration	Plug Type	Reference Standards	Power Cable
	North America 125 V 10 A	ANSI C73.11 NEMA 5-15 UL498/817/62 CSA22.2 NO.42/21/49	UL Listed Type SJT No.18AWG × 3 300 V, 10 A
	Europe 250 V 10 A	CEE(7)VII IEC320 CEE13	TYPE: H05VV-F 3 × 1.0 mm ²
	UK 250 V 5 A	BS1363 BS4491 BS6500	TYPE: H05VV-F 3 × 1.0 mm ²
	Australia 250 V 10 A	AS3112 AS3109 AS3191	TYPE: OD3CFC 3 × 1.0 mm ²
	North America 250 V 15 A	ANSI C73.20 NEMA 6-15 UL 198.6	UL Listed Type SJT No.18AWG × 3 300 V, 10 A
	Switzerland 250 V 6 A	SEV1011 SEV1004 SEV1012	TYPE: H05VV-F 3 × 0.75 mm ²