Instructions

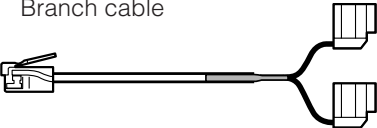## Panasonic

Before attempting to connect or operate this product,
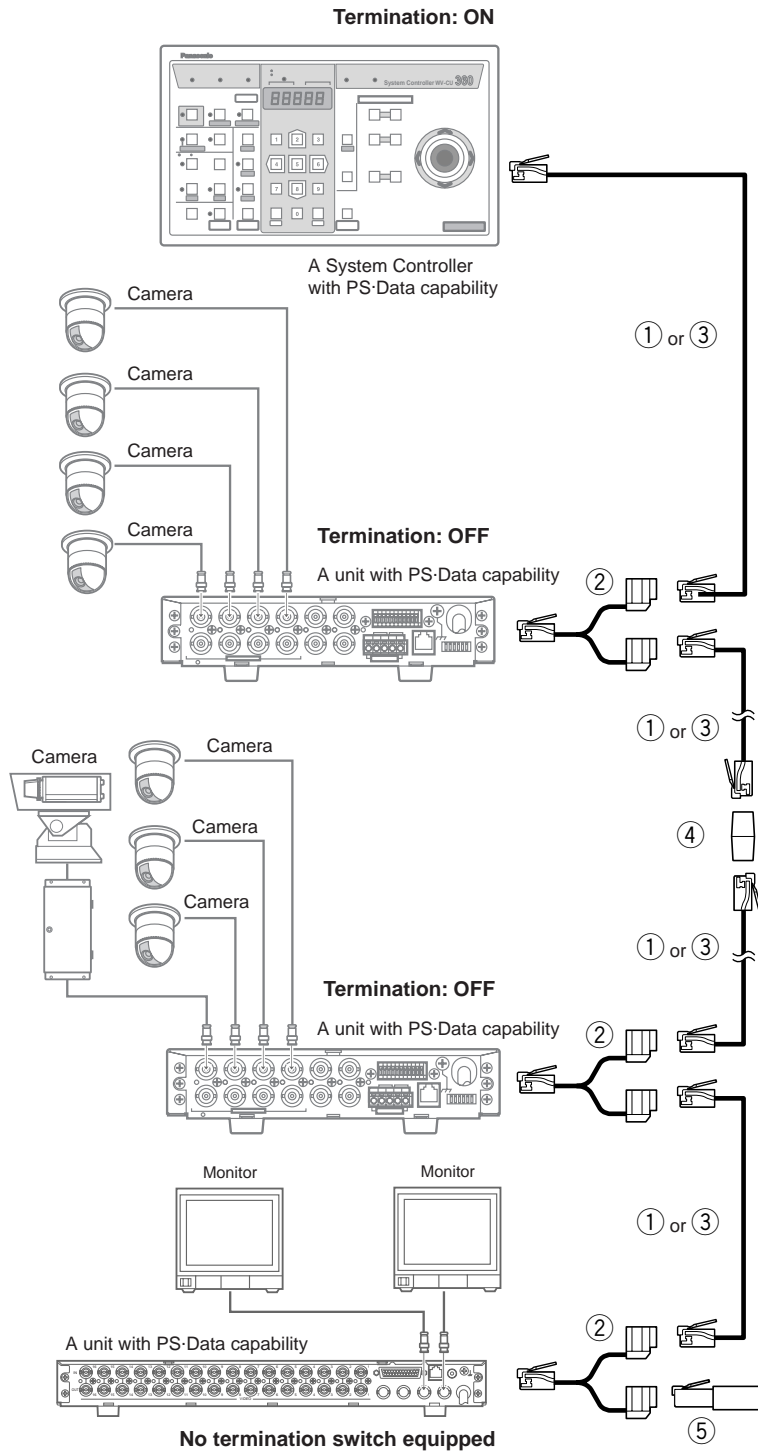please read these instructions carefully and save this manual for future use.

This manual describes the cables and connectors used for RS-485 communication among units with Panasonic Security Data Link (PS · Data) capability.

Parts Table

Cables and connectors are shown in the table. A 1 m cable and a branch cable are available as cable kit WV-CA48/10K. Procure the components and quantities required for your system configuration. Circled numbers are quoted in the connection diagram on the next page.

	Name & Model No.	Appearance	Description
①	Cable Kit WV-CA48/10K	1 m cable	Length: 1 m Modular-6 plug to modular-6 plug
②		Branch cable	Length: 16.5 cm Modular-6 plug to modular-6 receptacles
③	Cable WV-CA48/50	5 m cable	Length: 5 m Modular-6 plug to modular-6 plug
④	Extension Connector WV-CA48/JN		Two modular-6 receptacles
⑤	Terminator WV-CA48/TN		Modular-6 plug with 150Ω

Connection

Termination: ON

A System Controller
with PS·Data capability

Camera

Camera

Camera

Camera

Termination: OFF

A unit with PS·Data capability

① or ③

②

Camera

Camera

Camera

Camera

Termination: OFF

A unit with PS·Data capability

②

① or ③

④

① or ③

Monitor

Monitor

① or ③

A unit with PS·Data capability

②

No termination switch equipped

⑤

Termination

1. Termination should be made on both ends of the chain. Never turn on the termination on a unit in the middle of the chain.

2. If the unit has a termination switch set it to on or off, as may be the case.

3. If the unit does not have a switch and it is at the end of the chain, provide a termination.

Notes:
- Do not fasten the cable together with the power cord or other electric power lines to prevent communication error.
- Hold only the connector body and its stopper when you plug or unplug the connector.
- If necessary, support the cable weight with wire or tape to prevent the plug from falling off.

Caution:
- Do not plug connectors into the telephone lines to avoid troubles.