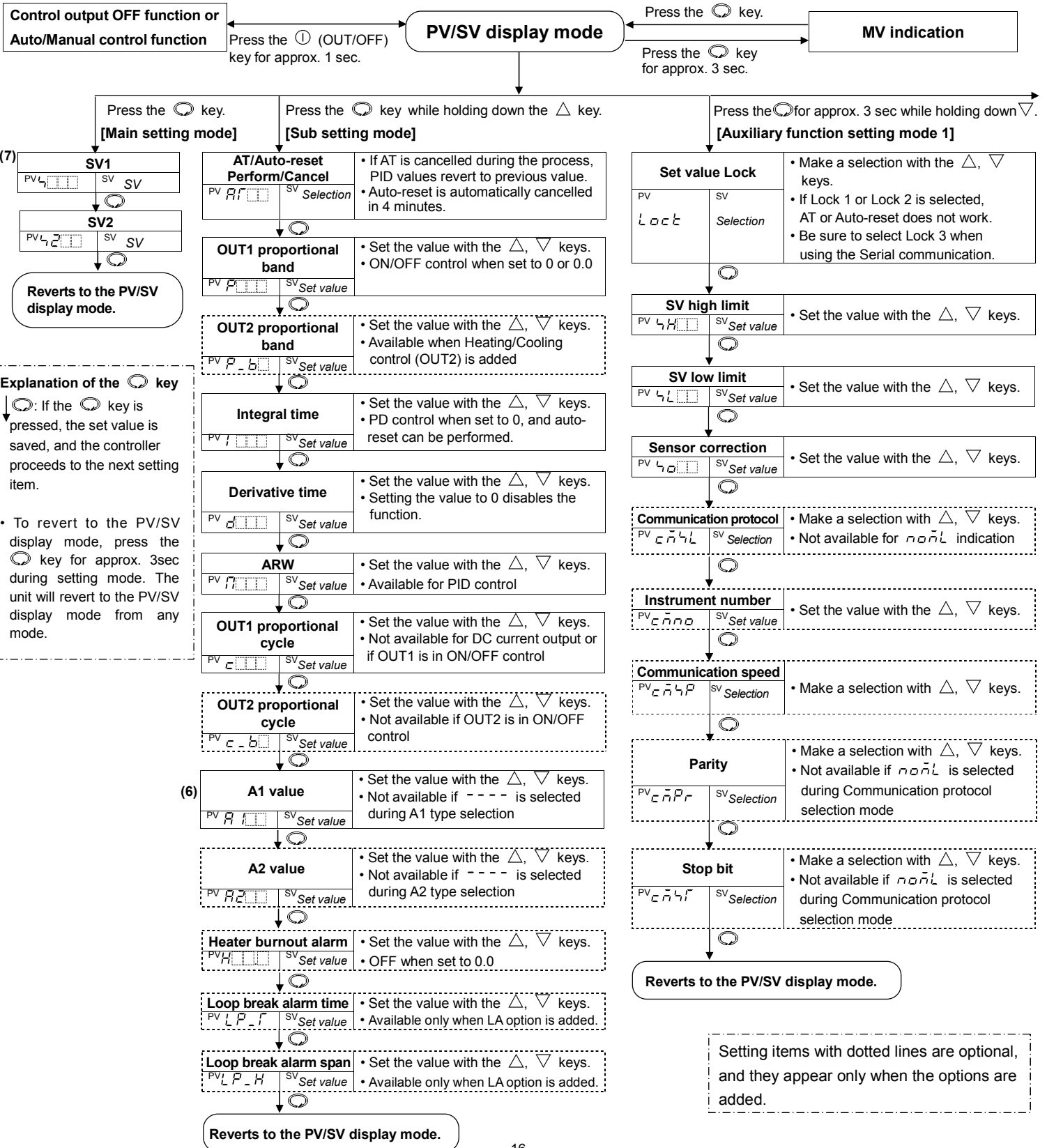


5.1 Operation flowchart

Outline of operation procedure

Set an Input type, Alarm (type, value, etc.) and SV, following the procedures below. Setting item numbers (1) to (7) are indicated on the flowchart.

[Step 1 Operation before Run]	Turn the load circuit power OFF, and turn the power supply to the JCD, JCR-33A ON.
[Step 2 Auxiliary function setting mode 2]	Set an Input type and Alarm type, etc. in Auxiliary function setting mode 2. (1) Input type: Select an input type. Refer to "Input type (character indication) and range" on p.17. (2) A1 type: Select an alarm type. Refer to "Alarm type" on p.17. [If an alarm type except for "----" is selected, items (3) to (5) will be indicated and they can be set if necessary.] Note: If an alarm type is changed, the alarm set value becomes 0 (0.0). Therefore it is necessary to set it again. (3) A1 action Energized/De-energized: Select Alarm 1 action Energized or De-energized. (4) A1 hysteresis: Set A1 hysteresis. (5) A1 action delay timer: Set A1 action delay time.
[Step 3 Sub setting mode]	(6) A1 value: Set an action point of A1 output in the Sub setting mode.
[Step 4 Main setting mode]	(7) SV1: Set the SV in the Main setting mode.
[Step 5 Run]	Turn the load circuit power ON. Control action starts so as to keep the control target at the SV.

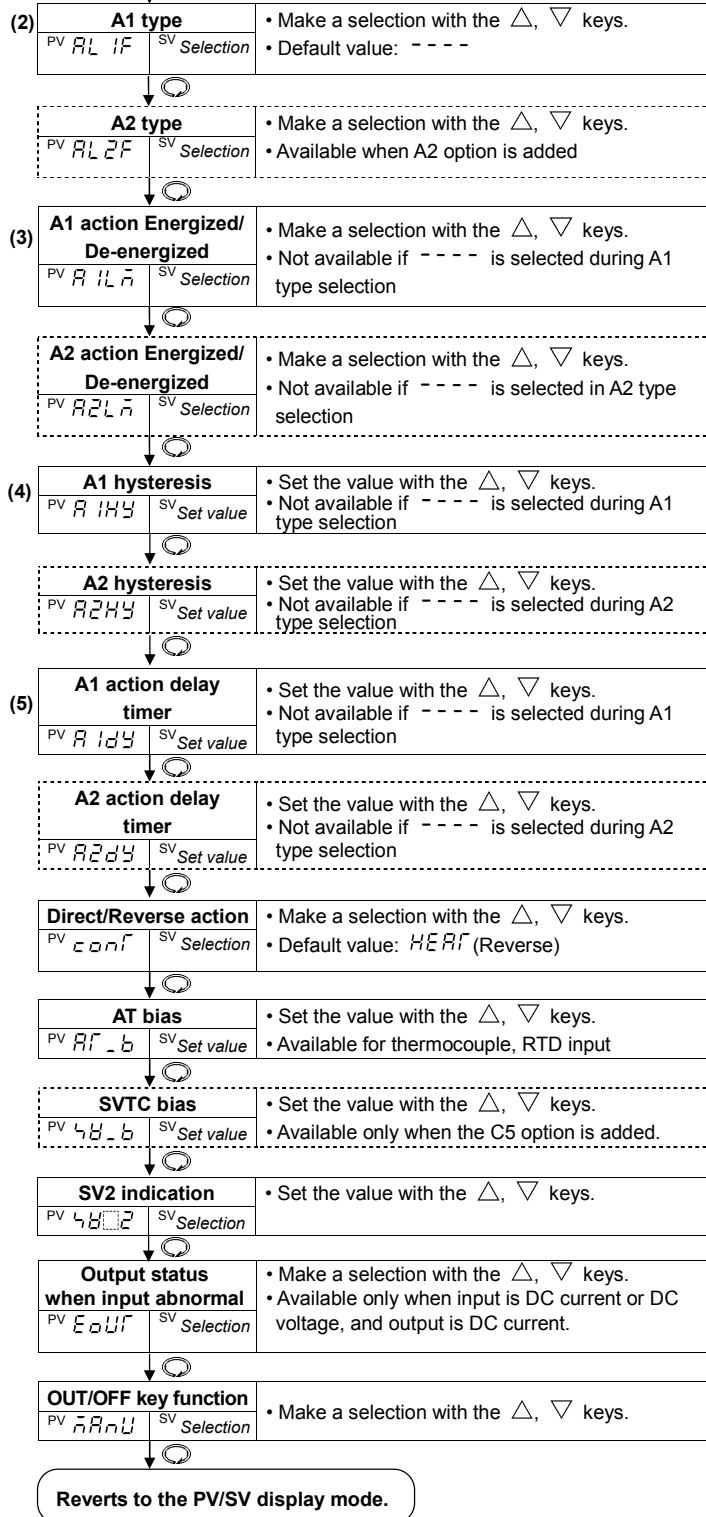
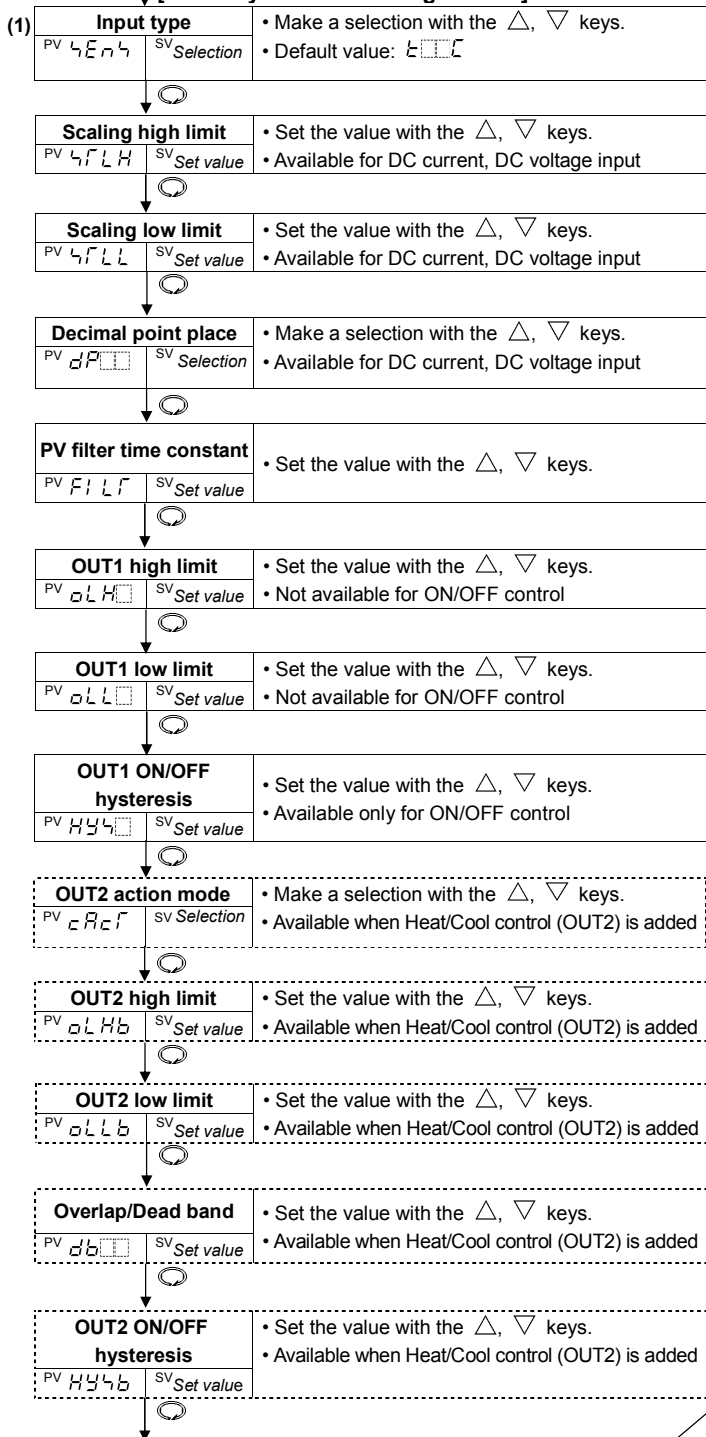


Input type (character indication) and range			
$\text{E} \square \square \square \text{C}$: K	-200 to 1370°C	$\text{E} \square \square \square \text{F}$: K	-320 to 2500°F
$\text{E} \square \square \square \text{F}$: J	-199.9 to 400.0°C	$\text{E} \square \square \square \text{F}$: J	-199.9 to 750.0°F
$\text{E} \square \square \square \text{C}$: J	-200 to 1000°C	$\text{E} \square \square \square \text{F}$: J	-320 to 1800°F
$\text{E} \square \square \square \text{C}$: R	0 to 1760°C	$\text{E} \square \square \square \text{F}$: R	0 to 3200°F
$\text{E} \square \square \square \text{C}$: S	0 to 1760°C	$\text{E} \square \square \square \text{F}$: S	0 to 3200°F
$\text{E} \square \square \square \text{C}$: B	0 to 1820°C	$\text{E} \square \square \square \text{F}$: B	0 to 3300°F
$\text{E} \square \square \square \text{C}$: E	-200 to 800°C	$\text{E} \square \square \square \text{F}$: E	-320 to 1500°F
$\text{E} \square \square \square \text{C}$: T	-199.9 to 400.0°C	$\text{E} \square \square \square \text{F}$: T	-199.9 to 750.0°F
$\text{E} \square \square \square \text{C}$: N	-200 to 1300°C	$\text{E} \square \square \square \text{F}$: N	-320 to 2300°F
$\text{P} \square \square \square \text{C}$: PL-II	0 to 1390°C	$\text{P} \square \square \square \text{F}$: PL-II	0 to 2500°F
$\text{C} \square \square \square \text{C}$: C(W/Re5-26)	0 to 2315°C	$\text{C} \square \square \square \text{F}$: C(W/Re5-26)	0 to 4200°F
$\text{P} \square \square \square \text{C}$: Pt100	-199.9 to 850.0°C	$\text{P} \square \square \square \text{F}$: Pt100	-199.9 to 999.9°F
$\text{J} \square \square \square \text{C}$: JPt100	-199.9 to 500.0°C	$\text{J} \square \square \square \text{F}$: JPt100	-199.9 to 900.0°F
$\text{P} \square \square \square \text{C}$: Pt100	-200 to 850°C	$\text{P} \square \square \square \text{F}$: Pt100	-300 to 1500°F
$\text{J} \square \square \square \text{C}$: JPt100	-200 to 500°C	$\text{J} \square \square \square \text{F}$: JPt100	-300 to 900°F
4200A : 4 to 20mA DC	-1999 to 9999		
0200A : 0 to 20mA DC	-1999 to 9999		
010V : 0 to 1V DC	-1999 to 9999		
050V : 0 to 5V DC	-1999 to 9999		
150V : 1 to 5V DC	-1999 to 9999		
010V : 0 to 10V DC	-1999 to 9999		

Alarm type	
$\text{H} \square \square \square$ (High limit alarm):	The alarm action is the \pm deviation setting from the SV. The alarm is activated if the input value reaches the high limit set value.
$\text{L} \square \square \square$ (Low limit alarm):	The alarm action is the \pm deviation setting from the SV. The alarm is activated if the input value goes under the low limit set value.
$\text{HL} \square \square$ (High/Low limits alarm):	Combines High limit and Low limit alarm actions. When input value reaches high limit set value or goes under the low limit set value, the alarm is activated.
$\text{H/L} \square \square$ (High/Low limit range alarm):	When input value is between the high limit set value and low limit set value, the alarm is activated.
$\text{RH} \square \square$ (Process high alarm), $\text{RL} \square \square$ (Process low alarm):	Within the scale range of the controller, alarm action points can be set at random and if the input reaches the randomly set action point, the alarm is activated.
$\text{H} \square \square \square$ (High limit alarm with standby), $\text{L} \square \square \square$ (Low limit alarm with standby), $\text{HL} \square \square$ (High/Low limits alarm with standby):	After the power to the controller is turned on, even if the input enters the alarm action range, the alarm is not activated. If SV is changed while the controller is running, the alarm is not activated even if input is in the alarm action range. (If the controller is allowed to keep running, once the input exceeds the alarm action point, the standby function will be released.)

Press the ∇ key for approx. 3 sec while holding down the Δ key.

[Auxiliary function setting mode 2]



Reverts to the PV/SV display mode.