

Menu List

Main Menu

Record Settings

[Record Settings] Menu

- Stop Recording
- Start Recording
- Detailed Sett. [ON / OFF]
- Rec. Mode
- Rec. Method***
[Instant / Average / Ave.Fine]
- 50-60Hz Filter***
- Rec. Interval
- Rec. Channel***
- CH1 - CH4 Settings
- Preheat
- Rec. Stop Trigger
- Save/Restore Sett.

When Detailed Sett. is set to OFF, the following limitations will be placed on the settings.

- Rec. Method : Automatically changed and fixed to "Instant" (Instantaneous Value)
- Rec. Interval : Not possible for under 10ms
- Meas. Range : Not possible to select "Auto"
- Rec. Channel : Fixed to 4 channels (CH1234)
- 50-60Hz Filter : Automatically changed and fixed as follows.
Fixed to OFF when recording interval is 10ms - 200ms.
Fixed to ON when recording interval is 500ms - 60min.

[Start Recording] Menu

Method
[IMMED(indv) / PGM(indv) / IMMED(grp) / PGM(grp)]

CH1 - CH4 Settings

- Meas. Range
[±300mV / ±1.5V / ±6V / ±24V / Auto*]
- Scale Conversion
- Eq. (Equation)****
- Unit****
- Warn Montr
- Uppr Limit
- Lwr Limit
- Judge Time

[Rec.Stop Trigger] Menu

- Function [ON / OFF]
- Channel [CH1 - CH4]
- Slope [Rising / Falling]
- Voltage
- Stop in:

[Save/Restore Sett.] Menu

- Save Settings 1
- Save Settings 2
- Save Settings 3
- Save Settings 4
- Restore Settings 1
- Restore Settings 2
- Restore Settings 3
- Restore Settings 4

[Delete All Data] Menu

- On This Device Only
- On All Devices

[Auto Data Export] Menu

- Formatted & Blank Card?
- Yes
- No

[Set Clock] Menu

- Month/Day/Year HH:MM:SS
- Time Zone
- DST (Daylight Savings Time)

[Data List] Menu

- Display Graph
- Export Selctd Data
- Export All Data
- Delete Selctd Data
- Clear Memory

[Data List] Menu (during Endless Recording)

- Expt Curr Data Now
- Auto Data Export

[Memory Card] Menu

- Quick Format
- Memory Card Test

[Operation Settings] Menu

- Set Contrast
- Check Memory
- Set Clock
- Beep
- Key Lock
- Return to Default

Data List

Memory Card

Operational Settings

* Rec Method, 50-60Hz Filter, Rec Channel, and the "Auto" option in the Measurement Range will not be displayed when Detailed Sett. is set to OFF.
**Scale Conversion Equation and Unit of Measurement can only be changed via software "MCR for Windows".

LCD and Touch Panel

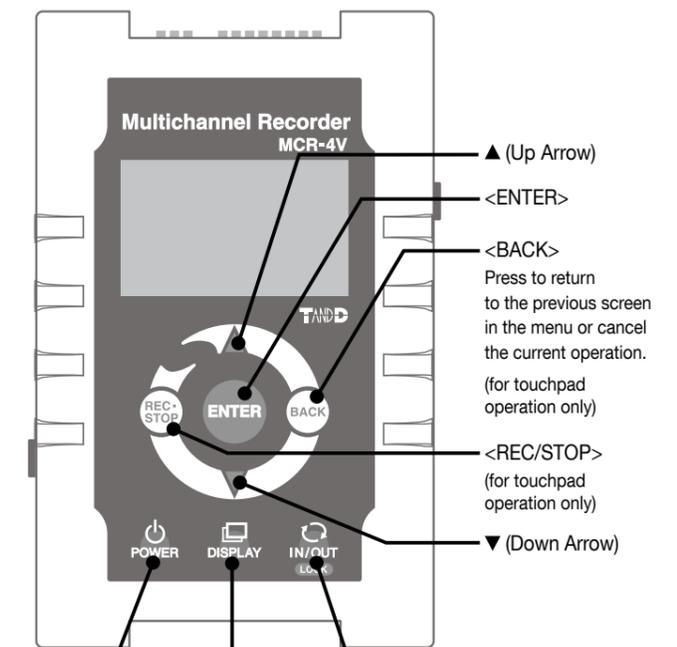
LCD Display and Icons

1	Recording Status	REC : Recording in progress STP : Recording stopped PRG : Waiting for programmed start IMM : Getting ready for immediate start TRG : Stopped by trigger
2	Recording Mode	∞: Endless mode →: One-Time mode
3	Recording Interval	ms : millisecond(s) sec : second(s) min : minute(s) Aver : Recording Method is Average Ave.f : Recording Method is Ave.Fine
4	Recording Channels	Channel(s) being measured and recorded
5	Battery Mark	🔌: Running on external power 🔋: Running on battery
6	Operation Mode	☑️: Touch panel operation enabled ⚙️: Control wheel operation enabled 🔒: Touchpad operation locked
7	▲ ▼	Indicates that there are more menu items above or below for view.
8	◀ ▶	Currently selected item

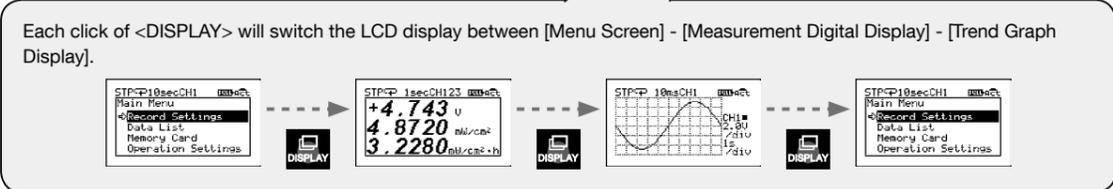
The highlighted display shows the item currently selected, and the blinking highlight shows the item being changed. LCD backlight will be ON during operation.

Touch Panel

Touch panel operation is explained in MCR-4V User's Manual using the following terms.



Press to return to the previous screen in the menu or cancel the current operation. (for touchpad operation only)
Press to switch between the touchpad operation and control wheel operation. Press and hold to switch the key lock ON/OFF.



Possible Setting Conditions for Recording Intervals of less than 1 sec.

When you wish to set the recording interval to less than 1 second, there are restrictions on the possible settings depending on the combination of the 50-60Hz Filter setting and the number of recording channels. Furthermore, when you select "Auto" as the measurement range, recording intervals of less than 1 second will not be available to be set. If you wish to set the recording interval to less than 1 second, the measurement range must be set to other than "Auto".

		Recording Interval								
		2 ms	5 ms	10 ms	20 ms	50 ms	100 ms	200 ms	500 ms	1 sec to 60 min
50-60Hz Filter OFF	1ch	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2ch		✓	✓	✓	✓	✓	✓	✓	✓
	3ch			✓	✓	✓	✓	✓	✓	✓
	4ch				✓	✓	✓	✓	✓	✓
50-60Hz Filter ON	1ch						✓	✓	✓	✓
	2ch							✓	✓	✓
	3ch								✓	✓
	4ch									✓