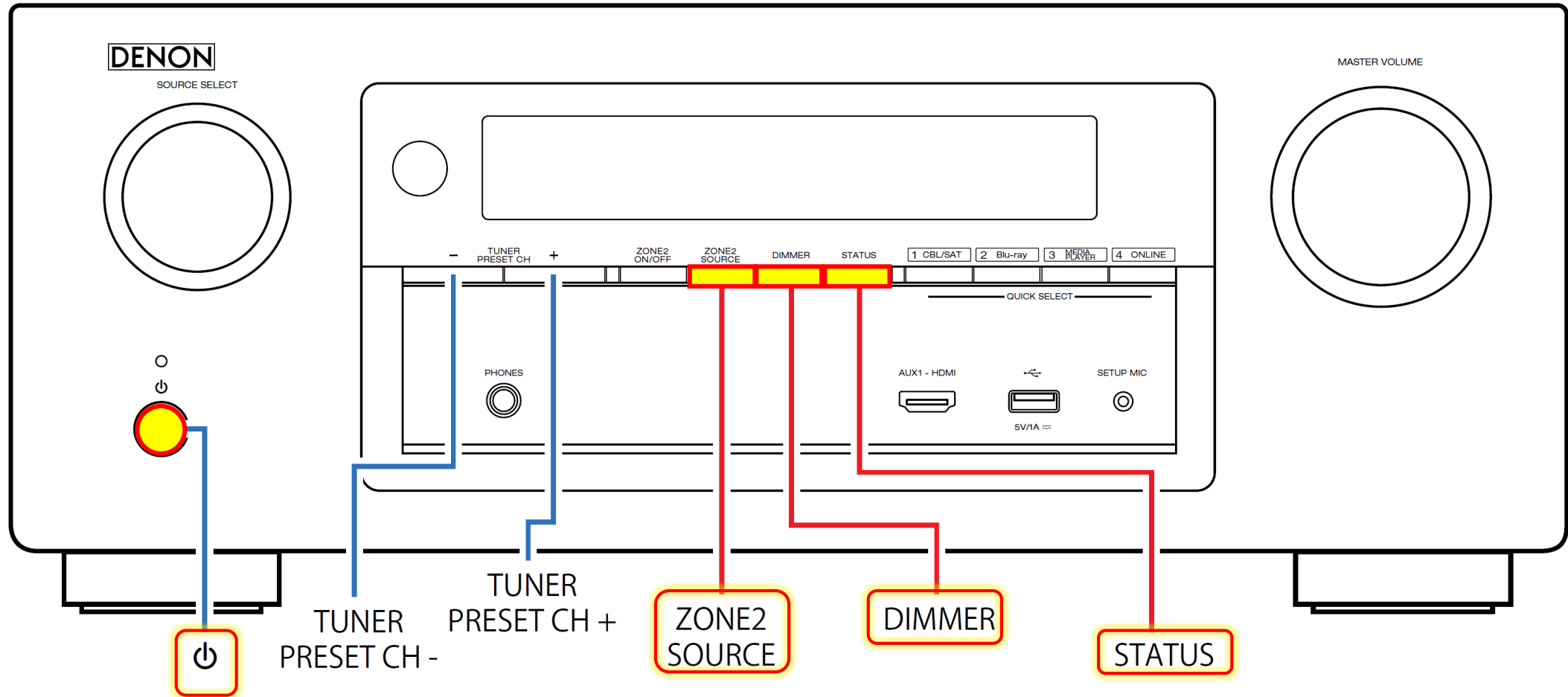


Protection History Mode records and displays an event in which the THERMAL, CURRENT, ASO or DC protection was activated.



Procedure to enter the "Protection History Display Mode".

1. Hold down buttons "**ZONE2 SOURCE**", "**DIMMER**" and "**STATUS**" at the same time and press the power button to turn on the power.
2. Select "**PROTECTION**" using the "**TUNER PRESET CH+/-**" button, and press the "**STATUS**" button.
3. Press the "**STATUS**" button again and the unit will display the Protection History condition.

1. If no protections have occurred, “No Protect” is displayed	FLD N O P R O T E C T
2. if last protection was ASO, “ASO” is displayed.	FLD P R T : A S O
Cause: A short circuit occurred between the speaker terminals, or speakers with an impedance outside the rating were connected. DC output of the power amplifier is abnormal. If the power is turned on during this abnormality, protection is activated after around 6 seconds and the power is turned off.	
3. If the last protection was DC, “DC” is displayed.	FLD P R T : D C
Cause: DC output of the power amplifier is abnormal. If the power is turned on during this abnormality, protection is activated after around 6 seconds and the power is turned off.	
4. If the last protection was THERMAL(A), THERMAL(E) or THERMAL(F), “THERMAL A, THERMAL E or THERMAL F” is displayed.	FLD P R T : T H E R M A L A
	FLD P R T : T H E R M A L E
	FLD P R T : T H E R M A L F
Cause: Abnormal heat sink temperature. If the power is turned on under abnormal conditions, the protection function works immediately and the power is turned off.	
5. When the last protection incident was CURRENT protection, “CURRENT” is displayed	FLD : C U R R E N T
Cause : An over current flowed in power amp. If the power is turned on in the abnormal state, protection is activated after around 90 seconds and the power is turned off.	

FLD	Fluorescent Display
PRT	Protection

Caution : These protections may also be activated due to other factors such as disconnection of connectors or operations around the microcomputer.

After viewing the above protection history, press the "**STATUS**" button to return to the normal display.

If the power is turned on in the abnormal state, protection is activated after around 2 minutes and the power is turned off.



Clearing the Protection History

If the unit is in “Protection History Display Mode”, just press and hold the “ENTER” button for 3 seconds. **Note:** If you do not mind erasing your settings from this unit, you can also “Initialized/Micro Reset the unit to clear the Protection History from the unit’s memory.

If the unit is not in “Protection History Display Mode”, **enter the “Protection History Display Mode”:**

- 1. Hold down buttons "ZONE2 SOURCE", “DIMMER” and “STATUS” at the same time and press the “POWER” button to turn on the power.
- 2. Select "PROTECTION" using the “TUNER PRESET CH+/-” buttons, and press the “STATUS” button.
- 3. Press the "STATUS" button again and the unit will display the Protection History condition.

Press and hold the “DIMMER” button for 3 seconds.	<div>FLD</div> <div>P</div> <div>R</div> <div>T</div> <div>:</div> <div>D</div> <div>C</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>
Press and hold the “DIMMER” button again for 3 seconds and “CLEAR” is displayed followed by “NO PROTECT”. The unit’s Protection History is now cleared.	<div>FLD</div> <div>P</div> <div>R</div> <div>T</div> <div>:</div> <div>C</div> <div>L</div> <div>E</div> <div>A</div> <div>R</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>
	<div>FLD</div> <div>N</div> <div>O</div> <div></div> <div>P</div> <div>R</div> <div>O</div> <div>T</div> <div>E</div> <div>C</div> <div>T</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>

Warning Displays by POWER LED

If the power is turned off while a protection is detected, the POWER LED (red) flashes in the following ways as a warning according to the protection status.

- (a) ASO/DC protection: Flashes in 0.5-second cycles (0.25 seconds lit, 0.25 seconds unlit)
- (b) THERMAL (E/F) protection: Flashes in 2-second cycles (1 seconds lit, 1 seconds unlit)
- (c) CURRENT protection: Flashes in 4-second cycles (2 seconds lit, 2 seconds unlit)

