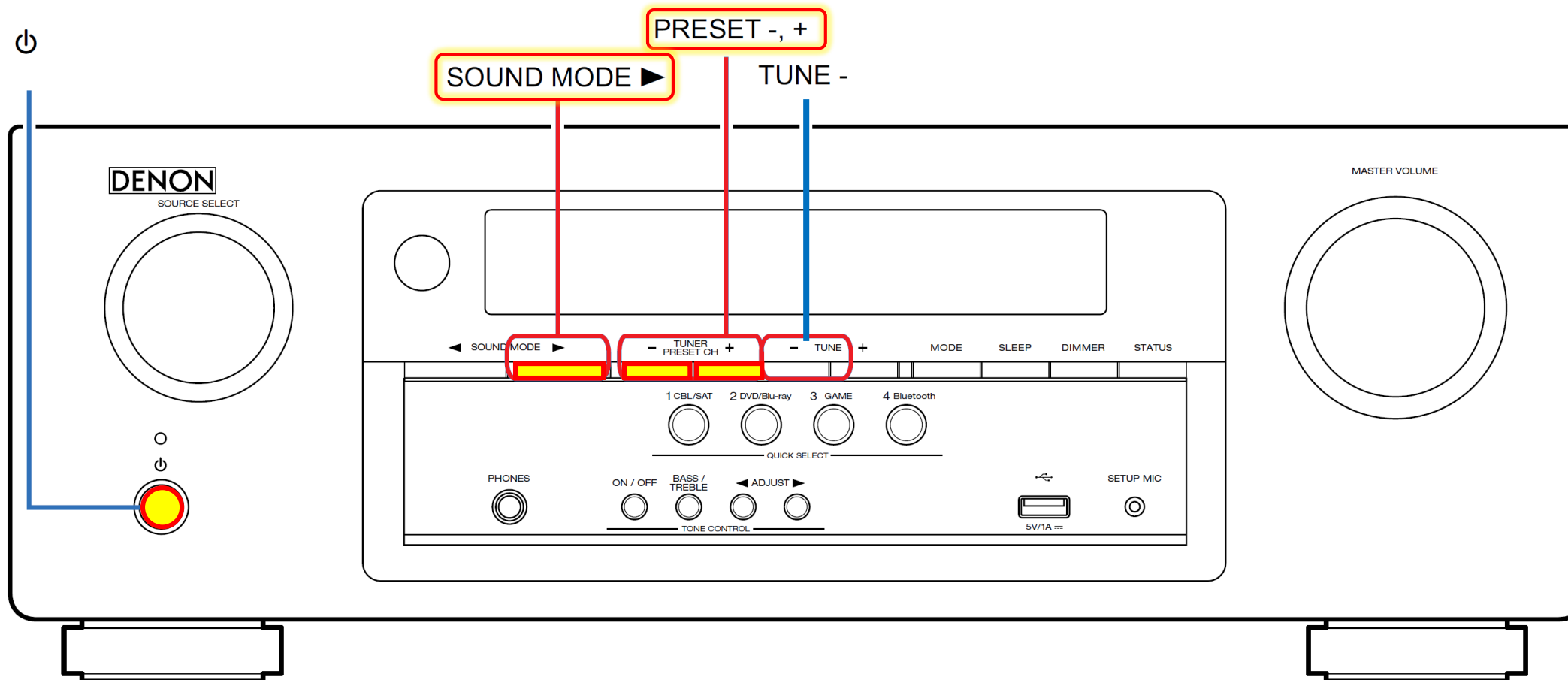


Protection History Mode records and displays an event in which the THERMAL, CURRENT, ASO or DC protection was activated.



Procedure to enter the “Protection History Display Mode”.

To enter the “Protection History Display Mode”, the unit has to be set to “Product Mode” first.

1. Hold down buttons “**SOUND MODE**▶”, “**TUNER PRESET CH-**” and “**TUNER PRESET CH+**” at the same time for approx. 3 seconds while the power is on. The unit enters the “**PRODUCT MODE**” (Remote Lock, Tuner Step Change, OSD Update, Protection History Display, or Mic Mode) and the “**REMOTE LOCK MODE**” is first displayed.
2. Press the “**TUNE-**” button repeatedly to switch modes until “**Protection History Mode**” is displayed.

<p>1. If no protections have occurred, “No Protect” is displayed</p>	<table border="1"> <tr> <td>FLD</td> <td>N</td> <td>O</td> <td></td> <td>P</td> <td>R</td> <td>O</td> <td>T</td> <td>E</td> <td>C</td> <td>T</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	FLD	N	O		P	R	O	T	E	C	T																															
FLD	N	O		P	R	O	T	E	C	T																																	
<p>2. If the last protection was THERMAL(A) or THERMAL(B), “THERMAL A or THERMAL B” is displayed.</p>	<table border="1"> <tr> <td>FLD</td> <td>P</td> <td>R</td> <td>T</td> <td>:</td> <td>T</td> <td>H</td> <td>E</td> <td>R</td> <td>M</td> <td>A</td> <td>L</td> <td></td> <td>A</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>FLD</td> <td>P</td> <td>R</td> <td>T</td> <td>:</td> <td>T</td> <td>H</td> <td>E</td> <td>R</td> <td>M</td> <td>A</td> <td>L</td> <td></td> <td>B</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	FLD	P	R	T	:	T	H	E	R	M	A	L		A								FLD	P	R	T	:	T	H	E	R	M	A	L		B							
FLD	P	R	T	:	T	H	E	R	M	A	L		A																														
FLD	P	R	T	:	T	H	E	R	M	A	L		B																														
<p>Cause: Abnormal heat sink temperature. If the power is turned on during this abnormality, protection is activated after around 4 seconds and the power is turned off.</p>																																											
<p>3. if last protection was ASO, “ASO” is displayed.</p>	<table border="1"> <tr> <td>FLD</td> <td>P</td> <td>R</td> <td>T</td> <td>:</td> <td>A</td> <td>S</td> <td>O</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	FLD	P	R	T	:	A	S	O																																		
FLD	P	R	T	:	A	S	O																																				
<p>Cause: A short circuit occurred between the speaker terminals, or speakers with an impedance outside the rating were connected. As the excess current is detected after operation of the speaker relay, a short on the speaker terminal and the connected speaker can be identified.</p>																																											
<p>4. If the last protection was DC, “DC” is displayed.</p>	<table border="1"> <tr> <td>FLD</td> <td>P</td> <td>R</td> <td>T</td> <td>:</td> <td>D</td> <td>C</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	FLD	P	R	T	:	D	C																																			
FLD	P	R	T	:	D	C																																					
<p>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.</p>																																											
<p>5. When the last protection incident was POWER protection, “POWER” is displayed.</p>	<table border="1"> <tr> <td>FLD</td> <td>P</td> <td>R</td> <td>T</td> <td>:</td> <td>P</td> <td>O</td> <td>w</td> <td>e</td> <td>r</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	FLD	P	R	T	:	P	O	w	e	r																																
FLD	P	R	T	:	P	O	w	e	r																																		
<p>Cause: The Power Supply (±12V) is abnormal.</p>																																											

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 “PRESET” button to return to the normal display.

FLD	Fluorescent Display
PRT	Protection



Clearing the Protection History

If the unit is in “Protection History Display Mode”, just press and hold the “PRESET” 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”:

To enter the “Protection History Display Mode”, the unit has to be set to “Product Mode” first.

1. Hold down buttons “**SOUND MODE▶**”, “**TUNER PRESET CH-**” and “**TUNER PRESET CH+**” at the same time for approx. 3 seconds while the power is on. The unit enters the “**PRODUCT MODE**” (Remote Lock, Tuner Step Change, OSD Update, Protection History Display, or Mic Mode) and the “**REMOTE LOCK MODE**” is first displayed.
2. Press the “**TUNE-**” button repeatedly to switch modes until “**Protection History Mode**” is displayed.

Press and hold the “**PRESET**” button for 3 seconds.

FLD	P	R	T	:	D	C													
-----	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--

Press and hold the “**PRESET**” button again for 3 seconds and “**CLEAR**” is displayed followed by “**NO PROTECT**”. The unit’s Protection History is now cleared.

FLD	P	R	T	:	C	L	E	A	R										
-----	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--

FLD	N	O		P	R	O	T	E	C	T									
-----	---	---	--	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--

