Contromatic
HEATING TECHNIQUE

Technical instructions

for connecting and using **CAL**
alarm alert from the boiler room
into living space

CE

CAL

(boiler PelTec/PelTec-lambda)

Company assumes no responsibility for possible inaccuracies in this book originated typographical errors or rewriting, all the pictures and diagrams are principal and it is necessary to adjust each actual situation on the field, in any case the company reserves the right to enter their own products such modifications as considered necessary.

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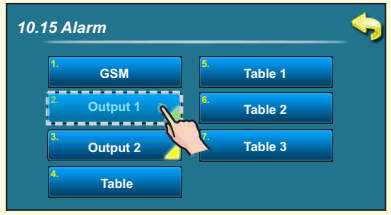
HEATING TECHNIQUE

CAL set is a device for boiler status information through lamp or speaker. It can give information of errors and low fuel level warning. CAL set must be connected to the outputs on the PelTec/PelTec Lambda boiler (OUTPUT1 or/and OUTPUT 2). Only one device can be connected on one boiler.

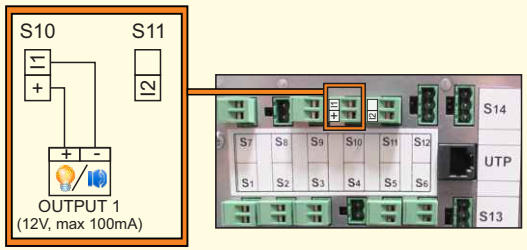
If there is connected only one output (OUTPUT 1 (S10) or OUTPUT 2 (S11)) possibility is to use only light (lamp) or sound (speaker) alert. To be able to use both it is necessary to use both outputs (OUTPUT 1 (S10) and OUTPUT 2 (S11)). (see the option 3).

OPTION 1. Connecting of the CAL device to the OUTPUT 1 on PelTec/PelTec-Lambda boiler

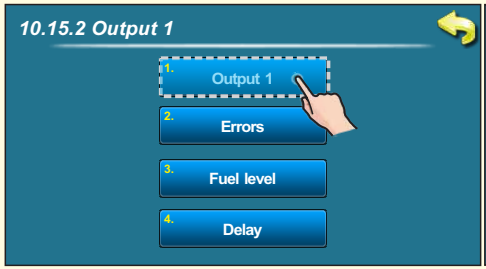
Features:
- option to set one option of CAL: lamp or speaker (for errors and low fuel level)
- during errors alarm is activated; lamp or speaker (depending which one is set and connected)
- during low fuel level warning alarm is activated; lamp or speaker (depending which one is set and connected)
- option to set different signal type for errors and low fuel level warning

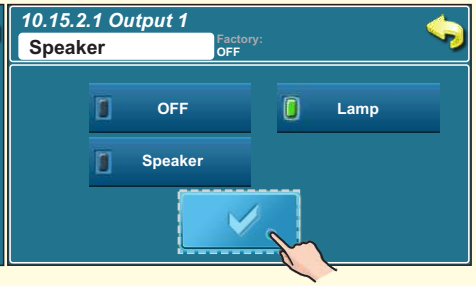


Connectiion to the boiler PelTec / PelTec-lambda



* **Trough menu INSTALATION (under PIN) must be activated OUTPUT 1 and set type of output depending of electric wiring and connected CAL option (lamp or speaker)**





OUTPUT 1 options:

OUTPUT 1:	Off / Lamp / Speaker
Errors – signal type:	Disabled / Continuous / Fast 1 time / Fast 3 times / Slow 1 time / Slow 3 times / Table
Low fuel level warning signal type:	Disabled / Continuous / Fast 1 time / Fast 3 times / Slow 1 time / Slow 3 times / Table
Delay :	5 - 3600 sec

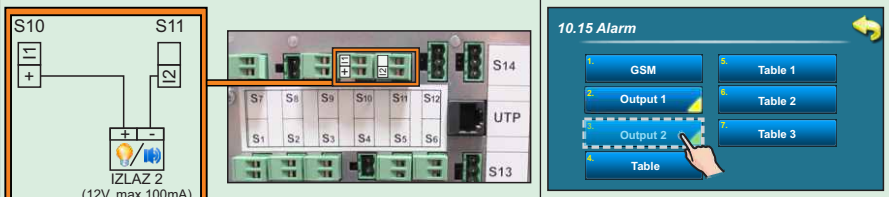
Example 1. Set and connected only output 1, option = **Lamp**; errors = **Continuous**; low fuel level warning = **Fast 3 times**; delay = **10 sec**

OUTPUT 1:	Lamp
Errors – signal type:	Continuous
Low fuel level warning – signal type:	Fast 3 times
Delay:	10 sec

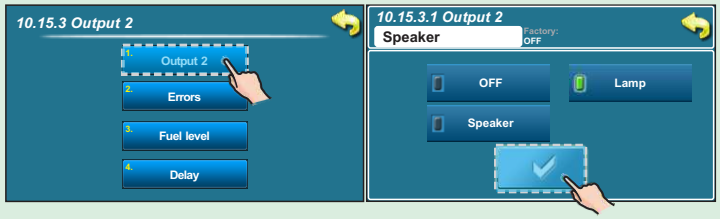
OPTION 2. Connecting of the CAL device to the OUTPUT 2 on PelTec/PelTec-Lambda boiler

Features: - option to set one option of CAL: lamp or speaker (for errors and low fuel level)
- during errors alarm is activated; lamp or speaker (depending which one is set and connected)
- during low fuel level warning alarm is activated; lamp or speaker (depending which one is set and connected)
- option to set different signal type for errors and low fuel level warning (e.g. for errors continuous signal; for low fuel level warning 3x fast signal)

Connectiion to the boiler PelTec / PelTec-lambda



***** **Trough menu INSTALATION (under PIN) must be activated OUTPUT 2 and set type of output depending of electric wiring and connected CAL option (lamp or speaker). Depending of the delivery, enabling this option (OUTPUT 2) following message could appear "OPTION IS NOT IMPLEMENTED". This means that installed boiler has only OUTPUT 1 for alarm. If there is need for 2 outputs boiler must be upgraded.**



OUTPUT 2:	Off / Lamp / Speaker
Errors – signal type:	Disabled / Continuous / Fast 1 time / Fast 3 times / Slow 1 time / Slow 3 times / Table
Low fuel level warning – signal type:	Disabled / Continuous / Fast 1 time / Fast 3 times / Slow 1 time / Slow 3 times / Table
Delay :	5 - 3600 sec

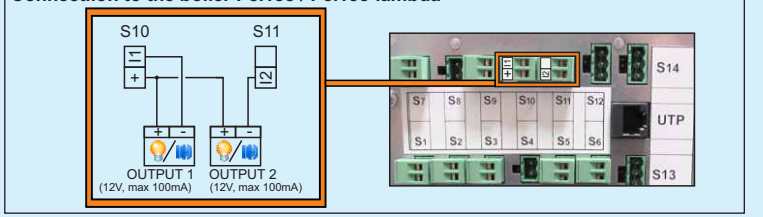
Example 2. Set and connected only output 1, option = **Speaker**; errors = **Slow 1 time**
low fuel level warning = **Slow 3 times**; delay = **30 sec**

OUTPUT 1:	Speaker
Errors – signal type:	Slow 1 time
Low fuel level warning – signal type:	Slow 3 times
Delay:	30 sec

OPTION 3. Connection of the CAL device to the OUTPUT 1 and OUTPUT 2 on PelTec / PeLTec-Lambda boiler

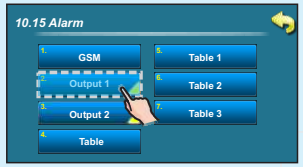
Features: - option to set two options of CAL: lamp and speaker (for errors and low fuel level)
- during errors alarmis activated; lamp and speaker
- during low fuel level warning alarm is activated; lamp and speaker
- option to set different signal type for errors and low fuel level warning on both outputs

Connectiion to the boiler PelTec / PelTec-lambda



***** **Trough menu INSTALATION (under PIN) must be activated OUTPUT 1 and OUTPUT 2. Set type of output depending of electric wiring and connected CAL options (lamp and speaker).**

OUTPUT 1 options:



OUTPUT 1:	Off / Lamp / Speaker
Errors – signal type:	Disabled / Continuous / Fast 1 time / Fast 3 times / Slow 1 time / Slow 3 times / Table
Low fuel level warning signal type:	Disabled / Continuous / Fast 1 time / Fast 3 times / Slow 1 time / Slow 3 times / Table
Delay :	5 - 3600 sec

OUTPUT 2 options:

OUTPUT 2:	Off / Lamp / Speaker
Errors – signal type:	Disabled / Continuous / Fast 1 time / Fast 3 times / Slow 1 time / Slow 3 times / Table
Low fuel level warning signal type:	Disabled / Continuous / Fast 1 time / Fast 3 times / Slow 1 time / Slow 3 times / Table
Delay :	5 - 3600 sec

EXAMPLE 3. Set and connected both outputs

OUTPUT 1 option = **Lamp;** errors = **continuous;** low fuel level warning = **slow 3 times;** delay = **10 sec**

OUTPUT 2 option = **Speaker;** errors = **fast 3 times**; low fuel level warning = **slow 1 time**; delay = **30 sec**

OUTPUT 1:	Lamp	**OUTPUT 2:**	Speaker
Errors – signal type:	Contunious	**Errors – signal type:**	Fast 3 times
Low fuel level warning – signal type:	Slow 3 times	**Low fuel level warning – signal type:**	Slow 1 time
Delay:	10 sec	**Delay:**	30 sec

****** **If on OUTPUT 1 is set lamp, on OUTPUT 2 must be set speaker and vice versa. Electric wiring must be done according this setup.**