

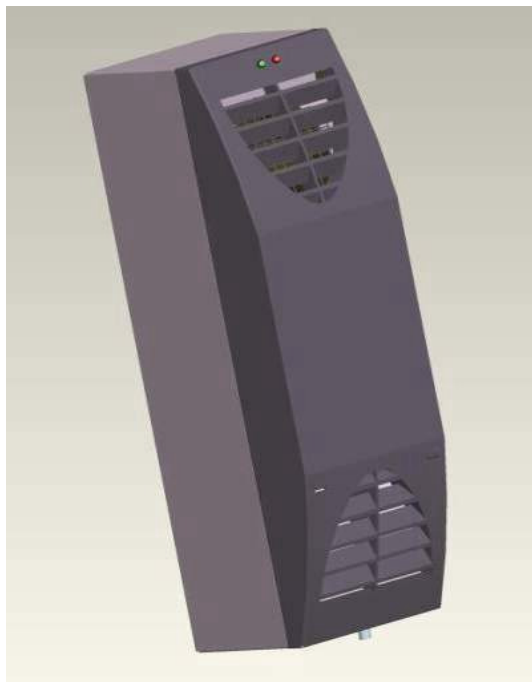
Rittal Thermoelectric Cooler[®] (RTC[®])



Made in Germany

English

Brief instruction for changing setpoint and alarm setting



1 | Summary

1.	Summary.....	2
2.	Installation of communication interface.....	3
3.	Changing setpoint (internal enclosure temperature).....	6
4.	Changing alarm temperature.....	8
5.	Notice.....	9
6.	Service address.....	10

2 | Installation of communication interface

1. Attach the air conditioner to the power supply.
2. Connect an USB cable (Type B/A) between computer (operating system XP, 2000 or Vista) and RTC cooling unit.

English

After setting up the connection, the „assistant for searching of new hardware“ starts automatically.

3. Choose continue at the “assistant for searching new hardware.”
4. Please confirm: „Search for a compatible driver for the unit”
5. Choose „another source for data.”
6. Choose path to the **Rittal_GmbH.inf** file and open it.
http://rinet4.rittal.de/downloads/pm_info/dateien/PM3/DE/PM_SK_IE/Produkte/Peltier_ThermoelectricCooler/RTC_SetupInfo.zip
7. Accept driver.

The communication interface has been installed successfully when „completing the assistant“ pops up.

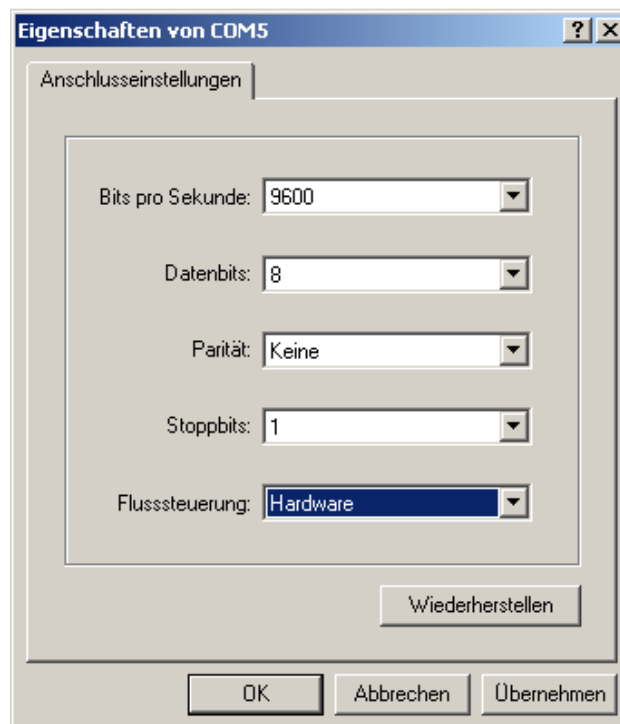
2 | Installation of communication interface

For declaration device interface (Com-Interface) open program device manager and let advise the interface (for example Com 5) at “communications (Com+LPT)” .

Start the program HyperTerminal at accessories/communication and enter an optional (e.g. RTC) name in the start window and confirm with OK.

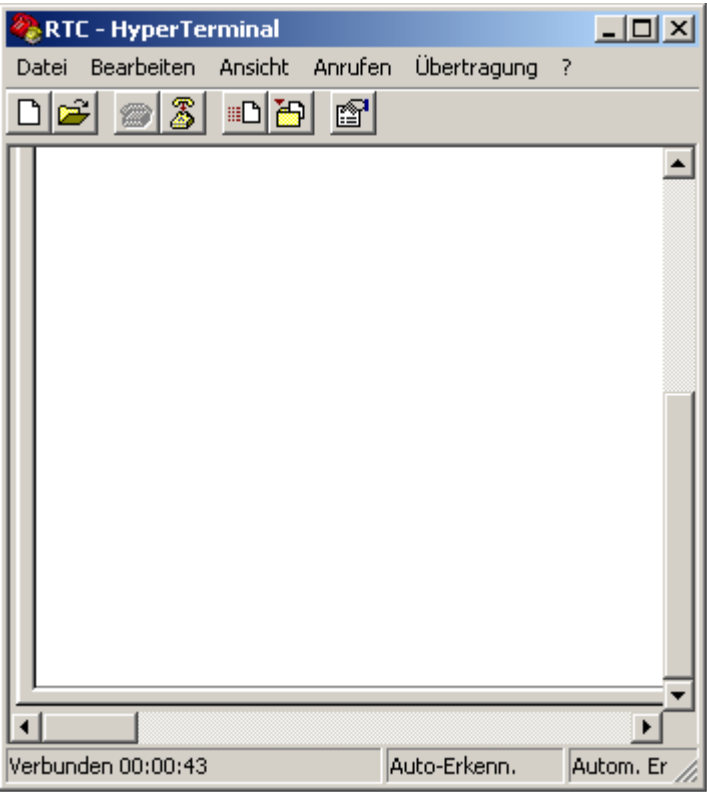
Choose at the window „connect with“ the menu item „connect via“ the determined description of the Com-Interface (for example Com 5) and confirm with OK.

At the features window you must adjust the following data.



confirm with OK.

The communication window appears



Please exert the return button

With the message:

or	
REV v1.5 – HW r0.3 Name: TE-COOLER Ser#: xy Type: xy TE-COOLER>	TE-COOLER>

The communication with the air conditioner is established.

3 | Changing setpoint value for the required internal enclosure temperature

Enter password:

TE-COOLER>**login** (Confirm with enter)

Password:**admin**

(Text does not appear with entering, confirm with enter)

Unit answers in the following way:

Hallo Admin

OK

TEK>

Instruction for changing internal enclosure temperature setpoint

set tc xy xy: required internal enclosure temperature in range of 20...55 °C.

enter and confirm with return

Example:

set tc 37 (e.g. required internal enclosure temperature: 37 °C)

The setting of the temperature is complete with the following reply of the RTC unit:

tc = xy

OK

Example:

tc = 37

OK (Setpoint value of 37 °C adjusted)

Afterwards the connection between computer and RTC unit can be disconnected.

4 | Changing alarm temperature

Instruction

set dtc xy xy: required temperature difference between alarm temperature and setpoint temperature at the range of 2...15K

Enter and confirm with return.

Example:

set dtc 5 (required alarm temperature 5K above internal enclosure temperature (setpoint value))

The setting of the alarm temperature is complete with the following reply of the RTC unit:

dtc = 5
OK

Example:

dtc = 5
OK (alarm temperature 5K above internal enclosure temperature (setpoint value)).

For exit the communication program choose „exit program“
Afterwards the connection between computer and RTC unit can be disconnected.

5 | Notes

6 | Service addresses



English

Rittal Service International (RSI)

Deutschland Europa	 +49 (0)27722 – 505 – 1855  service@rittal.de
Nord-Amerika	 +1 800 477 4000 OPTION 3  service@rittal.us
Süd-Amerika	 +55 11 36 22 23 77  service@rittal.com.br
China	 +86 800 820 0866  service@rittal.cn
Indien	 +91 80 22 890 783  service@rittal-india.com

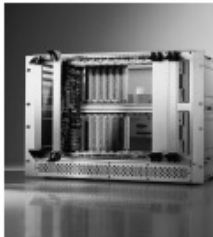
Rittal GmbH & Co. KG, Postfach 1662, D-35726 Herborn
Telefon: +49(0)2772 505-0
Telefax: +49(0)2772 505-2319
eMail: info@rittal.de
Internet: www.rittal.de



Schaltschrank-Systeme
Industrial Enclosures
Coffrets et armoires électriques
Kastsystemen
Apparatskåpssystem
Armadi per quadri di comando
Sistemas de armarios
インダストリアル エンクロージャー



Stromverteilung
Power Distribution
Distribution de courant
Stroomverdeling
Strömfördelning
Distribuzione di corrente
Distribución de corriente
分電・配電システム



Elektronik-Aufbau-Systeme
Electronic Packaging
Electronique
Electronic Packaging Systems
Electronic Packaging
Contenitori per elettronica
Sistemas de montaje para la electrónica
エレクトロニクス パッケージシステム



System-Klimatisierung
System Climate Control
Climatisation
Systeemklimatisering
Systemklimatisering
Soluzioni di climatizzazione
Climatización de sistemas
温度管理システム



IT-Solutions
IT Solutions
Solutions IT
IT-Solutions
IT-lösningar
Soluzioni per IT
Soluciones TI
ITソリューション



Communication Systems
Communication Systems
Armoires outdoor
Outdoor-behuizingen
Communication Systems
Soluzioni outdoor
Sistemas de comunicación
コミュニケーションシステム

Rittal GmbH & Co. KG · Postfach 1662 · D-35726 Herborn
 Telefon +49(0)2772 505-0 · Telefax +49(0)2772 505-2319 · eMail: info@rittal.de · www.rittal.de



Umschalten auf Perfektion **RITTAL**