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Federal Communications  
Commission  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046

**CeoTronics AG**  
**FCC ID: L52CT-M5CEO1**  
**FCC Part 15 Certification**

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WEEE-Reg. Nr. DE 15466059


05.09.2007

## User Manual

Gentlemen,

the CT-DECT Modul (FCC ID: L52CT-M5CEO1) is exclusively imbedded in our products and is not resold to external Companies. All necessary functions for the module are provided in the Operational Description and in the User Manual of the final product. Further Informations are not specified because of competition reasons. All necessary statements and label requirement are listed in the User Manual of the final product and in the Modular Approval Letter.

Sincerely,



**Berthold Hemer**  
Dipl. Ing. CTO  
CeoTronics AG



**CeoTronics**  
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## FCC statements and instructions

### Labeling instructions

The FCC ID is permanently fixed on a label on the module, and, if the FCC identification number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following:

“Contains Transmitter Module FCC ID: L52CT-M5CEO1”  
or  
“Contains FCC ID: L52CT-M5CEO1”

Any similar wording that expresses the same meaning may be used. Similar detail instructions are given in the product Users Guide.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### Statement according to FCC part 15.21:

Modifications not expressly approved by this company could void the user's authority to operate the equipment.

### Statement according to FCC part 15.105:

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### RFExposure portable:

For portable applications OEM integrators need SAR evaluation and an own FCC ID.

### RFExposure mobil:

The internal / external antennas used for this mobile transmitter must provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

The maximum measured power output is 119,67mW (20,78 dBm), the maximum antenna gain is 0 dBi = numeric gain 1.0 (see also MPE calculation – Exhibit RFExposure) The maximum permissible exposure is defined in 47 CFR 1.1310 with 1 mW/cm<sup>2</sup>. The distance from the EUT's transmitting antenna where the exposure level reaches the maximum permitted level is calculated using the general equation:

$$S = P \cdot G / 4R^2$$

S<sub>max</sub> = 0.024mW/cm<sup>2</sup>,

The internal / external antennas used for this mobile transmitter must provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

End users may not be provided with the module installation instructions. OEM integrators and end users must be provided with transmitter operating conditions for satisfying RF exposure compliance..

### Composite Devices:

A composite device is subject to two or more technical rule parts and requires testing and labelling appropriately for each of the respective component rule parts. However, as a practical rule, only one text or FCC logo need be labelled on a device. As a general rule the Declaration of Conformity (DoC) text statement is required over any Verification statement. For composites subject to DoC and Verification, or Certification and Verification, the labelling requirements for DoC or Certification need only apply. This does not remove the testing requirement for each individual device in a composite device. For composite devices subject to DoC and Certification, both the DoC logo and FCC ID (or FCC IDs when applicable) are required for composite DoC and Certified devices. Devices subject to DoC for both Part 15 and Part 18 may use only the Part 15 logo.

### information to users

For information to users, all relevant instructions that pertain to all components of a composite device are required. For example, Class A or Class B statements in Section 15.105; all warning statements and special instructions as required by Sections 15.21 and 15.27; and all Part 18 applicable instructions / attestations must be clearly stated. However, realistic variations in editing to clarify the language and structure are permitted as long as all the relevant points applicable to all of the components are represented.