

# Ecotel ISDN/VoIP Safety Instructions



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## Chapter 1

# Safety Instructions

## Safety Instructions

ECOTEL® ISDN/VoIP is a device for providing network interconnectivity between VoIP, ISDN and GSM mobile radio networks.



### 1.1 Safety Instructions

This device was tested in conformity with EN 60950-1:2001 VDE 0805 Part 1: 2003 "Information technology equipment - Safety" and left our plant in perfect working order.

In order to maintain the device in good condition and to ensure safe operation, the user must observe the information and warnings that are contained in these operating instructions.

Only trained technicians working in the field of electronics may install ECOTEL® .

Any maintenance and repair of the device when it has been opened must be performed by a trained specialist.

#### Transport

As protection against jolts and impact, this device should be transported in its original packing only.

Condensation can occur if the device is brought from a cold environment into the room where it is to be operated. The device must be absolutely dry prior to being operated. Accordingly, an acclimatization period of at least two hours is required.

#### Setup

Protect this device from direct sunlight and heat.

The device may only be connected to the AC line by means of the AC power adapter that was supplied or using an original replacement unit.

Because the plug-in power unit also serves to provide isolation from the AC line, install the terminal device so that the power outlet will be close at hand and easily accessible.

#### Connecting cables

Lay all cables in a manner that is not hazardous to pedestrian traffic. The power cord must be unplugged from the AC line socket in order to completely disconnect the equipment (e.g. in emergencies).

Cables should not be connected or disconnected during thunderstorms!

## Safety Instructions

### Alarm input

For safety reasons, the alarm input may be connected only with a floating contact.

### Antenna input

The antenna must be protected against destruction due to lightning. The base of the antenna must be grounded.

### Damage

For safety reasons, if the device

- exhibits visible damage
- or has been exposed to moisture,

then further operation should be discontinued! In this case, please ensure that the device is disabled so it cannot be used by anyone else.

### Ambient conditions

The device may be used only if the specified ambient conditions are met. See chapter 9.7 in the user manual.

Ensure that all device openings are protected from all foreign matter, such as dust, dirt and liquids.

### Repairs

Repairs must be performed only by qualified personnel. Only use replacement parts that comply with device safety standards.

Always unplug the AC line connector before opening the device!

### Upgrades

Only install system upgrades that are specifically intended for this device. Installing other upgrades can damage the system or violate safety standards and radio interference regulations.

### Cleaning

Before cleaning, pull the power supply plug. The housing interior may only be cleaned by an authorized technician.

Do not use scouring powder or solvents harmful to plastics.

Do not allow liquids to penetrate into the interior of the device. A dry cloth suffices for cleaning the housing surface. A cloth dipped in water containing a mild detergent and then wrung out well can be used for heavier stains.

### Electromagnetic compatibility

The device fulfills the EU Directive 89/336/EEC "Electromagnetic compatibility" and the requirements of the Low Voltage Directive 73/23/EEC.

The CE mark appears on the name plate.

## Safety Instructions

### 1.2 User manual

You find the detailed User manual on the ECOTEL® CD in the directory "Documents" and on our website.



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