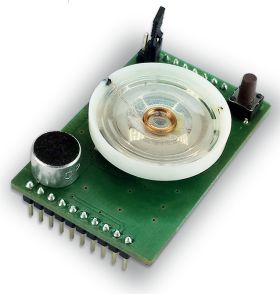
TECHNICAL MANUAL

MDVOICE

SMD voice synthesys board for TITANIA, TITANIAPLUS and TITANIAPLUS2 control units

MDVOICE is an optional board for expressly compatible TITANIA series control units that includes an electret microphone, a speaker with a jumper switch and a non-volatile memory that includes 192 seconds of preset messages and can store up to 30 minutes of customized messages.



Addressee for this information:

U User I Installer

1. TECHNICAL DATA

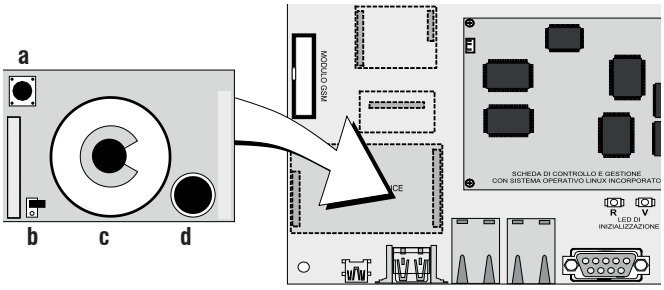
Model	MDVOICE
Power supply	DC 12 V from the main board of the control unit
Power consumption @ 12 V	8 mA idle, 28 mA max while playing sounds
Selections	Jumper for bypassing the speaker
Recording devices	electret microphone, miniature speaker
Connection	2 non-reversible strip connectors
Message length	30 minutes recordable, 192 seconds preset
Dimensions/weight	W 33 × H 52 × D 28 mm, 20 g
Parts supplied	technical manual

2. INSTALLATION

Disconnect all power supplies, including any batteries, before installing the board on the control unit;

protect the boards from electrostatic discharges.

1. Align MDVOICE to the connectors on the main board.



   a. Press this button while recording
   b. Open the jumper to disable the speaker
   c. Speaker
   d. Microphone

2. Push MDVOICE down gently, as far as it can go.
3. Follow the instructions in the programming manual of the control unit.

3. CE DECLARATION OF CONFORMITY

MDVOICE is an accessory for TITANIA, TITANIAPLUS, TITANIAPLUS2 and other expressly compatible systems.
The product complies with current European EMC and LVD directives.
The full text of the EU declaration of conformity is available at the following Internet address: elmospa.com—registration is quick and easy.

4. WARNINGS

4.1 Warnings to the installer

- Comply strictly with current standards governing the installation of electrical systems and security systems, and with the manufacturer's directions given in the manuals supplied with the products.
- Provide the user with full information on using the system installed and on its limitations, pointing out that there are different levels of security performance that will need to suit the user's requirements within the constraints of the specific applicable standards. See that the user looks through the warnings given herein.
- Work involved in the design, installation and maintenance of systems incorporating this product should be performed only by personnel with suitable skills and knowledge required to work safely so as to prevent any accidents. It is vital that systems be installed in accordance with current legislation. The internal parts of certain equipment are connected to the mains and therefore there is a risk of electrocution when maintenance work is performed inside without first disconnecting the primary and emergency power supplies. Certain products include batteries, rechargeable or otherwise, as an emergency backup power supply. If connected incorrectly, they may cause damage to the product or property, and may endanger the operator (explosion and fire).

4.2 Warnings to the user

- Check the system's operation thoroughly at regular intervals, making sure the equipment can be armed and disarmed properly.
- Make sure the system receives proper routine maintenance, employing the services of specialist personnel who meet the requirements prescribed by current regulations.
- Ask your installer to check that the system suits changing operating conditions (e.g. changes in the extent of the areas to be protected, change in access methods, etc...).

4.3 General warnings

This device has been designed, built and tested with the utmost care and attention, adopting test and inspection procedures in accordance with current legislation. Full compliance of the working specifications is only achieved in the event the device is used solely for its intended purpose, namely:

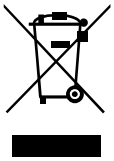
SMD voice synthesys board for TITANIA, TITANIAPLUS and TITANIAPLUS2 control units

The device is not intended for any use other than the above and hence its correct functioning in such cases cannot be assured.
Consequently, any use of the manual in your possession for any purpose other than those for which it was compiled - namely for the purpose of explaining the product's technical features and operating procedures - is strictly prohibited.
Production processes are closely monitored in order to prevent faults and malfunctions. However, the componentry adopted is subject to an extremely modest percentage of faults, which is nonetheless the case with any electronic or mechanical product. Given the intended use of this item (protection of property and people), we invite you to adapt the level of protection offered by the system to suit the actual situation of risk (allowing for the possibility of impaired system operation due to faults or other problems), while reminding you that there are specific standards for the design and production of systems intended for this kind of application.

We hereby advise you (the system's operator) to see that the system receives regular routine maintenance, at least in accordance with the provisions of current legislation, and also check on as regular a basis as the risk involved requires that the system in question is operating properly, with particular reference to the control unit, sensors, sounders, dialler(s) and any other device connected. You must let the installer know how well the system seems to be operating, based on the results of periodic checks, without delay.

Work involved in the design, installation and maintenance of systems incorporating this product should be performed only by personnel with suitable skills and knowledge required to work safely so as to prevent any accidents. It is vital that systems be installed in accordance with current legislation. The internal parts of certain equipment are connected to the mains and therefore there is a risk of electrocution when maintenance work is performed inside without first disconnecting the primary and emergency power supplies. Certain products include batteries, rechargeable or otherwise, as an emergency backup power supply. If connected incorrectly, they may cause damage to the product or property, and may endanger the operator (explosion and fire).

4.4 Disposal instructions



IT08020000001624

In accordance with Directive 2012/19/EU on waste electrical and electronic equipment (WEEE), please be advised that the EEE was placed on the market after 13th August 2005 and must be disposed of separately from normal household waste.

EL.MO. SpA Via Pontarola, 70 - 35011 Campodarsego (PD) - Italy
Tel. +390499203333 - Fax +390499200306 - Technical Ass. +390499200426 - elmospa.com - international@elmospa.com