

## MDVOICE64

Voice synthesys module for  
PREGIO series control units

090020945





## FOREWORD

### FOR THE INSTALLER:

Please follow carefully the specifications relative to electric and security systems realization further to the manufacturer's prescriptions indicated in the manual provided.

Provide the user the necessary indication for use and system's limitations, specifying that there exist precise specifications and different safety performances levels that should be proportioned to the user needs. Have the user view the directions indicated in this document.

### FOR THE USER:

Periodically check carefully the system functionality making sure all enabling and disabling operations were made correctly. Have skilled personnel make the periodic system's maintenance. Contact the installer to verify correct system operation in case its conditions have changed (e.g.: variations in the areas to protect due to extension, change of the access modes, etc.)

-----  
This device has been projected, assembled and tested with the maximum care, adopting control procedures in accordance with the laws in force. The full correspondence to the functional characteristics is given exclusively when it is used for the purpose it was projected for, which is as follows:

### Voice synthesys module for PREGIO series control units

Any use other than the one mentioned above has not been forecast and therefore it is not possible to guarantee the correct functioning of the device. Similarly, any other use of this technical manual other than the one it has been compiled for—that is: to illustrate the devices technical features and operating mode—is expressly prohibited.

The manufacturing process is carefully controlled in order to prevent defaults and bad functioning. Nevertheless, an extremely low percentage of the components used is subjected to faults just as any other electronic or mechanic product. As this item is meant to protect both property and people, we invite the user to proportion the level of protection that the system offers to the actual risk (also taking into account the possibility that the system was operated in a degraded manner because of faults and the like), as well reminding that there are precise laws for the design and assemblage of the systems destined to these kind of applications.

**The system's operator is hereby advised to see regularly to the periodic maintenance of the system, at least in accordance with the provisions of current legislation, as well as to carry out checks on the correct running of said system on as regular a basis as the risk involved requires, with particular reference to the control unit, sensors, sounders, dialler(s) and any other device connected. The user must let the installer know how well the system seems to be operating, based on the results of periodic checks, without delay.**

Design, installation and servicing of systems which include this product, should be made by skilled staff with the necessary knowledge to operate in safe conditions in order to prevent accidents. These systems' installation must be made in accordance with the laws in force. Some equipment's inner parts are connected to electric main and therefore electrocution may occur if servicing was made before switching off the main and emergency power. Some products incorporate rechargeable or non rechargeable batteries as emergency power supply. Their wrong connection may damage the product, properties and the operator's safety (burst and fire).

## DISPOSAL INSTRUCTIONS



According to Directive 2012/19/EU on the Waste of Electric and Electronic Equipment (WEEE), it is here specified that this Electrical-Electromechanic Device started to be commercialized after 13th August 2005, and it shall be disposed of separately from ordinary waste products.

IT08020000001624



## 1. GENERALS

MDVOICE64 is an optional module that can be socketed on the main board of a PREGIO series control unit in order to improve the customization of the event indications that are used for acoustic communications.

MDVOICE64 allows you to record up to 64 custom messages, totalling 8 minutes at most.

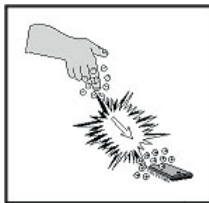
Each single message can be up to 1 minute long. Each message can be modified or deleted separately.

The module (also called “board”) has to be connected to the special slot available in the main board of the unpowered control unit, then it has to be acquired using the special module registration keypad menu. Message recording will then be activable from the special keypad menu, using the start button, the microphone and the speaker of the module.

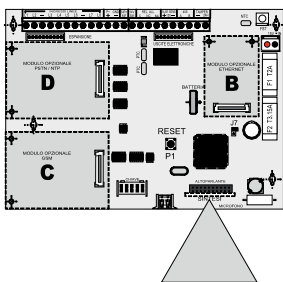
## 2. TECHNICAL DATA

<b>Model:</b>	<b>MDVOICE64</b>
<b>Appearance:</b>	Board with SMD connector
<b>Power:</b>	12 Vcc provided via connector
<b>Current draw:</b>	10 $\mu$ A idle; 10 mA max while playing
<b>Devices on board:</b>	Microphone, speaker for re-listening, button to push while recording
<b>Operating conditions:</b>	From -10 to +55 °C and according to the control unit
<b>Weight:</b>	17 g
<b>Dimensions:</b>	W34 × H44 (connector included) × D21 mm

## 3. INSTALLATION

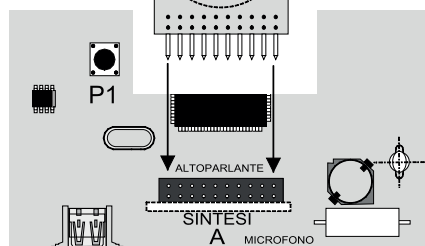


**Warning:** no electrostatic charges shall be present upon opening the housing, for they might damage the internal electronic boards and the accessory components. This same care shall be taken during installation, updates and maintenance procedures. Install only on an unpowered control unit. At the next power-up, learn the module using the special keypad menu.



**A**

ALIGN THE BOARD TO THE CONNECTOR ON THE MAIN BOARD, AS SHOWN BY THE ARROWS



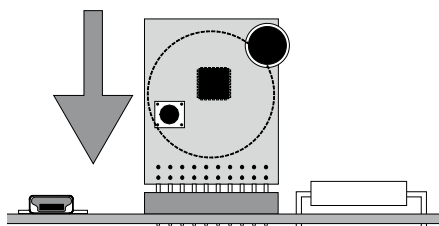
**Note:** see the technical manual of the control unit for how to record messages. The memory available for recording messages depends on the firmware and might even decrease for future versions.

**B**

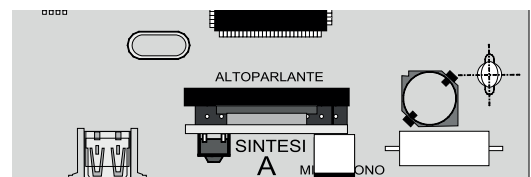
ROTATE THE BOARD 90°. SETTING IT ORTHOGONAL TO THE MAIN BOARD CONNECTOR

**C**

PUSH DOWN THE BOARD AS FAR AS POSSIBLE, MAKING SURE ALL THE PINS ARE CORRECTLY PLACED



SIDE VIEW OF THE MAIN BOARD



**D**

BOARD PLACED CORRECTLY

## 4. CE DECLARATION OF CONFORMITY



**DICHIARAZIONE  
DI CONFORMITÀ**



**DECLARATION OF  
CONFORMITY**

**EL.MO. spa**

dichiara sotto la propria responsabilità che il prodotto / declares that the product:

**MDVOICE64**

**Sintesi vocale / Voice module**

al quale questa dichiarazione si riferisce, è conforme alle seguenti norme:

to which this declaration is referred to is in conformity with the following:

EN 50130-4 2011-06	Sistemi d'allarme Parte 4: Compatibilità elettromagnetica Norma per famiglia di prodotto: Requisiti di immunità per componenti di sistemi antincendio, antintrusione e di allarme personale. <i>Alarm systems</i> Part 4: Electromagnetic compatibility Product family standard: Immunity requirements for components of fire, Intruder and social alarm system
EN61000-6-3 2007-01 +A1 2011-03	Compatibilità elettromagnetica(EMC). Parte 6-3: Norme generiche – Emissione per gli ambienti residenziali, commerciali e dell'industria leggera. <i>Electromagnetic compatibility (EMC). Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments.</i>
EN50131-3:2009 Grado Sicurezza 2 Security grade 2 Classe Ambientale II Environmental class II	Sistemi antintrusione: parte 3 apparecchiature di controllo e visualizzazione Intrusion systems: Control and Indicating Equipment (i.e. control panel and keypads).

e quindi rispondente ai requisiti essenziali delle direttive:

and then in accordance with the following directives:

<input checked="" type="checkbox"/> 2004/108/CE Compatibilità elettromagnetica <i>Electromagnetic compatibility</i>	<input type="checkbox"/> 2006/95/CE Sicurezza di bassa tensione <i>Low voltage security</i>
<input type="checkbox"/> 1999/5/CE (R&TTE)	Direttiva Europea apparati radio e apparecchiature terminali di telecomunicazione. <i>European Directive wireless equipment and telecommunication apparatus.</i>
<input checked="" type="checkbox"/> 2011/65/UE (RoHS)	Direttiva Europea sulla restrizione dell'uso di determinate sostanze pericolose nelle apparecchiature elettriche ed elettroniche <i>European Directive Reduction of Hazardous Substances</i>

Campodarsego 06/05/2015

Consigliere Delegato  
El.Mo. S.p.A.  
Ing. Salvatore Pastorello

**EL.MO. spa**

Via Pontarola 70  
IT-35011 Campodarsego (PD)

info@elmo.it  
www.elmo.it

Tel. +39 049.9203333  
Fax. +39 049.9200306



CA:23:1109:1

MDVOICE64 Voice synthesys module for PREGIO series control units - TECHNICAL MANUAL  
December 2016 edition

090020945

Product specifications as described above do not bind the manufacturer and may be altered without prior notice.

**EL.MO. SpA** Via Pontarola, 70 - 35011 Campodarsego (PD) - Italy

Tel. +390499203333 - Fax +390499200306 - Technical Ass. +390499200426 - www.elmospa.com - international@elmospa.com