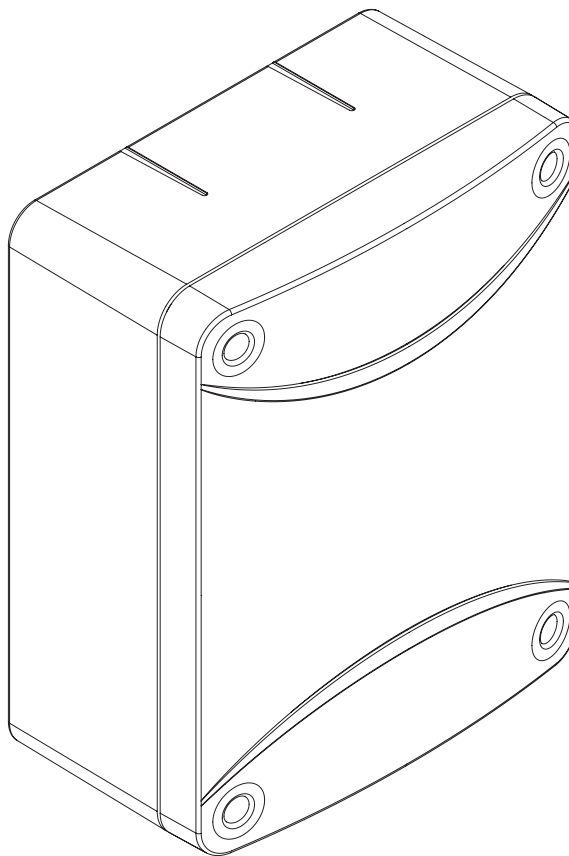# BENINCA®

RADIORICEVITORE QUADRICANALE PROGRAMMABILE
PROGRAMMABLE, FOUR-CHANNEL RADIO RECEIVER
PROGRAMMIERBARER 4-KANAL-FUNKEMPFÄNGER
RÉCEPTEUR RADIO QUADRICANAL PROGRAMMABLE
TRANSCEPTOR CUATRICANAL PROGRAMABLE
RADIOODBIORNIK CZTEROKANAŁOWY PROGRAMOWALNY

RR.4WBP
programmable/dip-switches

$$C\!\!\!\in$$

UNAC

Libro istruzioni
Operating instructions
Betriebsanleitung
Livret d'instructions
Manuale de instrucciones
Książeczka z instrukcjami

UNIONE NAZIONALE COSTRUTTORI
AUTOMATISMI PER CANCELLI, PORTE,
SERRANDE ED AFFINI

Dichiarazione CE di conformità
EC declaration of confirmity
EG-Konformitatserklarung

Déclaration CE de conformité
Declaracion CE de conformidad
Deklaracja UE o zgodności

Con la presente dichiariamo che il nostro prodotto

We hereby declare that our product

Hiermit erklaren wir, dass unser Produkt

Nous déclarons par la présente que notre produit

Por la presente declaramos que nuestro producto
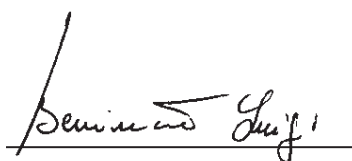
Niniejszym oświadczamy że nasz produkt

RR.4WBP

è conforme alle seguenti disposizioni pertinenti:

complies with the following relevant provisions:

folgenden einschlagigen Bestimmungen entspricht:

correspond aux dispositions pertinentes suivantes:

satisface las disposiciones pertinentes siguientes:

zgodny jest z poniżej wyszczególnionymi rozporządzeniami:

Direttiva sulla compatibilità elettromagnetica (89/336/CCE, 93/68/CEE)

EMC guidelines (89/336/EEC, 93/68/EEC)

EMV-Richtlinie (89/336/EWG, 93/68/EWG)

Directive EMV (89/336/CCE, 93/68/CEE) (Compatibilité électromagnétique)

Reglamento de compatibilidad electromagnética (89/336/MCE, 93/68/MCE)

Wytyczna odnośnie zdolności współdziałania elektromagne-tycznego (89/336/EWG, 93/68/EWG)

Direttiva sulla bassa tensione (73/23/CEE, 93/68/CEE)

Low voltage guidelines (73/23/EEC, 93/68/EEC)

Tiefe Spannung Richtlinie (73/23/EWG, 93/68/EWG)

Directive bas voltage (73/23/CEE, 93/68/CEE)

Reglamento de bajo Voltaje (73/23/MCE, 93/68/MCE)

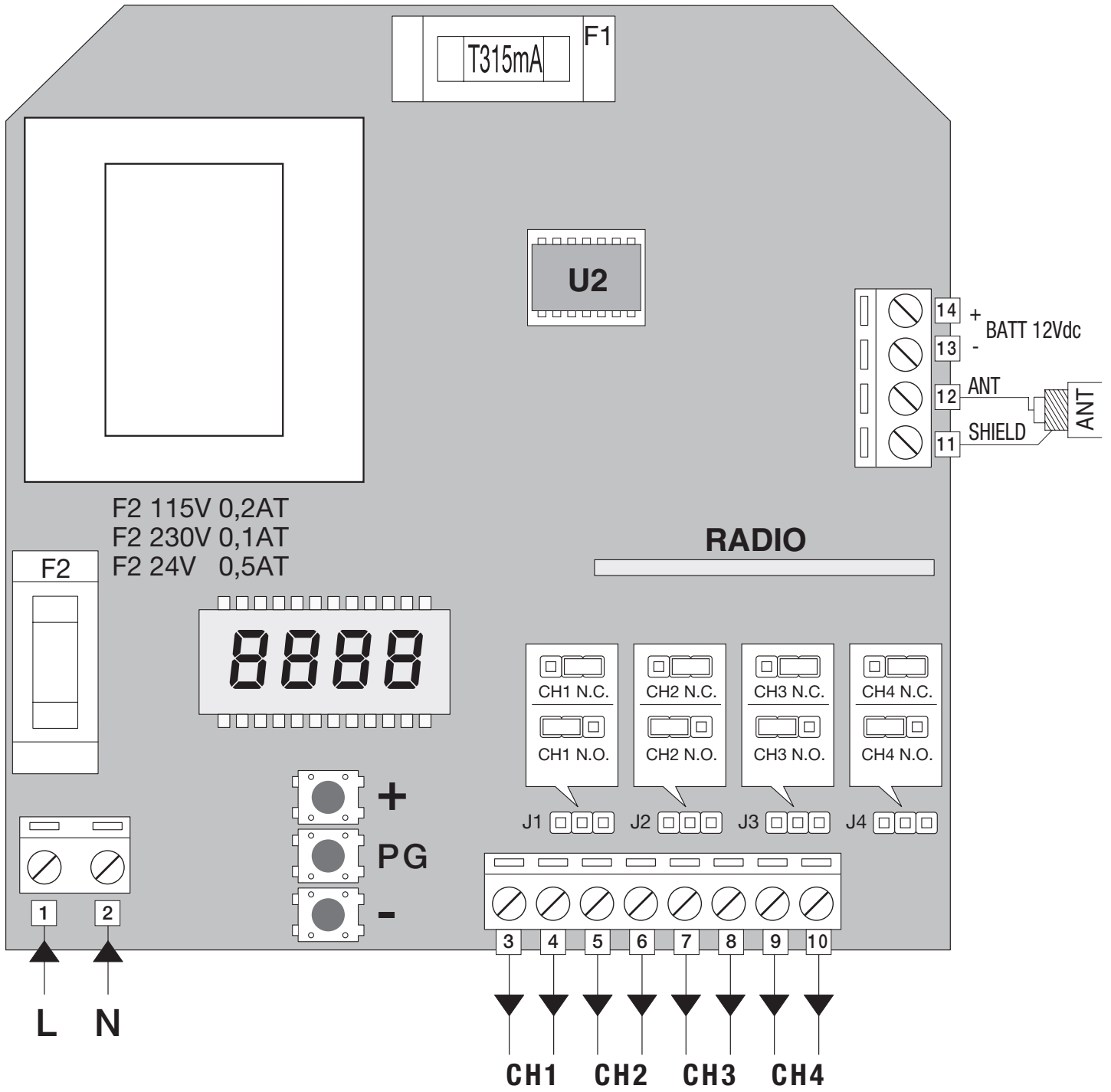Wytyczna odnośnie niskiego napięcia (73/23/EWG, 93/68/EWG)

Direttiva apparecchiature radio 1999/5/CEE

Radio and Telecommunications Terminal Equipment (R&TTE) 1995/5/EEC

Richtlinie 1999/5/EWG betr. Funkanlagen und Telekommunikationsendeinrichtungen

Directive 1999/5/CE concernant les équipements hertziens et les équipements terminaux de t él écommunications et la reconnaissance mutuelle de leur conformité

Directiva 1999/5/CE Equipos Radioeléctricos y Equipos Terminales de Telecomunicación

Dyrektywa 1999/5/WE w sprawie urządzeń radiowych i końcowych urządzeń telekomunikacyjnych oraz wzajem-nego uznawania ich zgodności

Benincà Luigi, Responsabile legale.
Sandrigo, 01/10/2006.

BENINCA®

Automatismi Benincà SpA
Via Capitello, 45
36066 Sandrigo (VI)
ITALIA

F1 — T315mA

U2

14 + BATT 12Vdc
13 −
12 ANT
11 SHIELD

ANT

F2 115V 0,2AT
F2 230V 0,1AT
F2 24V 0,5AT

F2

RADIO

8888

CH1 N.C. CH2 N.C. CH3 N.C. CH4 N.C.

CH1 N.O. CH2 N.O. CH3 N.O. CH4 N.O.

J1 J2 J3 J4

+

PG

−

1 2

L N

3 4 5 6 7 8 9 10

CH1 CH2 CH3 CH4

RR.4WBP Programmable, Four-channel Radio Receiver
SPECIFICATIONS

- Four output, independent and freely configurable channels
- Radio receiver, with 433.92MHz radio frequency and programmable code transmitters (self-learning and dipswitches)
- Programming through built-in LCD display
- It is possible to store up to 16 transmitter codes into memory
- Versions with 230VAC, 115VAC or 24VAC/CC power supply are available.
- Input for 12VDC emergency battery, with automatic charge.

INPUT/OUTPUT FUNCTIONS		
Input, No.	Function	Description
1-2	Power supply	Input, 230Vac 50Hz (1-Phase/2-Neutral) in the 230V version Input, 115Vac 60Hz (1-Phase/2-Neutral) in the 115V version Input, 24 Vac/dc (1+ /2 -) in the 24V version
3-4	Channel 1	Output, channel 1. 230 Vac max 5A. Normally Open (N.O.) Contact, switchable in Normally Closed (N.C.) through jumper 1.
5-6	Channel 2	Output, channel 2. 230 Vac max 5A. N.O. Contact, switchable in N.C. through jumper 2.
7-8	Channel 3	Output, channel 3. 230 Vac max 5A. N.O. Contact switchable in N.C. through jumper 3.
9-10	Channel 4	Output, channel 4. 230 Vac max 5A. N.O. Contact, switchable in N.C. through jumper 4.
11-12	Antenna	Antenna connection of the built-in radio module (11-screen/12-signal).
13-14	Battery	Input for emergency battery, 12Vdc (13:- / 14:+). It allows the operation of the receiver in case of power failure of the mains, During the mains operation the battery is recharged. Recharge time, about 15 hours for a battery 12V/1,2Ah.

Note:

The U2 memory may contain 16 transmitter codes maximum. If required, this memory can be removed and installed onto another receiver.

PROGRAMMING

The programming of the various functions of the control unit is carried out by using the LCD display in the receiver and presetting the desired values in the programming menus described hereunder.

1 - Press the <PG> key, the display shows the first Parameters Menu "PAR".

2 - By using the keys <+> or <->, select the desired Menu (PAR>>LOG>>RADIO>>....).

3 - Press the <PG> key, the display shows the first function available on the Menu.

4 - By using the keys <+> or <->, select the function to be modified.

5 - Press the <PG> key, the currently preset value for the selected function is displayed.

6 - By using the <+> or <-> keys, select the value to be assigned to the function.

7 - Press the <PG> key, "PRG" is displayed which means the programming has been successful.

Note:

You can return to the upper menu without making changes if you press the <+> and <-> keys simultaneously in a Function Menu.

Press PG to select the desired value. OK is shown to confirm a successful programming.

After 60 sec wait, the receiver exits the programming mode and the display switches off.

Each single function, which is available in the control unit, is described in the following tables.

PARAMETERS

MENU	FUNCTION	
NCh 1	The operating mode of channel 1 is preset. The descriptions of the single submenus are shown hereunder:	
	INP	Monostable. The relay activates for 1 sec when the corresponding key is pressed; then the relay returns to its original status.
	tG	Bistable. When the associated key in the transmitter is pressed, the relay activates. It remains in its new status until the key is pressed again.
	tINE	Timed. The switching time of the relay can be set between 1 second and 10 minutes. By using the <+> and <-> keys, select the desired time. The presettable values are: from 1 to 10s with 1s steps from 30s to 300s with 30s steps from 300s to 600s with 60s steps.
	cont	The relay switches each time the corresponding key in the transmitter is pressed and returns to its original status after its realise.
NCh2	Same operating modes preset for MCH1.	
NCh3	Same operating modes preset for MCH1.	
NCh4	Same operating modes preset for MCH1.	

LOGICHE

MENU	FUNCTION
SAFE	With this function enabled, channel 1 switches only if the corresponding key is pressed for longer than 3 seconds. This function is useful specially to control alarm installations or in cases when accidental activation is to be averted. **The default function is preset on OFF.**

RADIO

The receiver is supplied with free access to all functions. If necessary, a key code can be created (see key functions), which will be asked at each access attempt to the radio menu.

MENU	FUNCTION	
Add	Menu to type in the transmitter codes in memory. The message FULL means that the receiver memory is complete. The submenus are described hereunder:	
	ch 1	The key is associated to channel 1. Press, within 5 sec, the transmitter key which is to be associated to channel 1. Synchronism control is activated (see Synchronism paragraph).
	ch2	The key is associated to channel 2. Press, within 5 sec, the transmitter key which is to be associated to channel 2. Synchronism control is activated (see Synchronism paragraph).
	ch3	The key is associated to channel 3. Press, within 5 sec, the transmitter key which is to be associated to channel 3. Synchronism control is activated (see Synchronism paragraph).
	ch4	The key is associated to channel 4. Press, within 5 sec, the transmitter key which is to be associated to channel 4. Synchronism control is activated (see Synchronism paragraph).

Add	**F IH**	The four keys of a four channel transmitter are automatically associated, each one to the corresponding channel. (Key1:ch1, key2:ch2, key3:ch2 and key4:ch4). Press, within 5 seconds, any key of a four channel transmitter. Synchronism control is activated (see Synchronism paragraph).
	HEY	A key code to protect functions of the radio menu is created. Type a 4-digit number by pressing + and - keys to increase/decrease the number. Keep the key pressed to accelerate increase/decrease- To confirm the desired value, press OK. Important note: take note of the typed-in code and keep it carefully.
dEL		Menu to erase previously typed in transmitter codes from memory. The single submenus are described hereunder:
	codE	The receiver is in a waiting mode, waiting for a memorized transmitter key to be pressed. The transmitter is erased from the receiver memory.
	Indh	Remove a control unit code for which the position in memory is know, see function Find>Code
	HEY	It erases the key code from memory to gain access to all functions of the radio menu.
rE5		The receiver memory is completely erased. All transmitter codes and relevant associations and channel parameters are cancelled. A confirmation of the operation is being asked.
F Ind		Search Menu for transmitter codes stored in memory. The single submenus are described hereunder:
	codE	La ricevente si pone in attesa di un codice, premere un pulsante del trasmettitore, se presente visualizza la posizione in memoria.
	n tH	The number of transmitter codes stored in the receiver memory is displayed.