

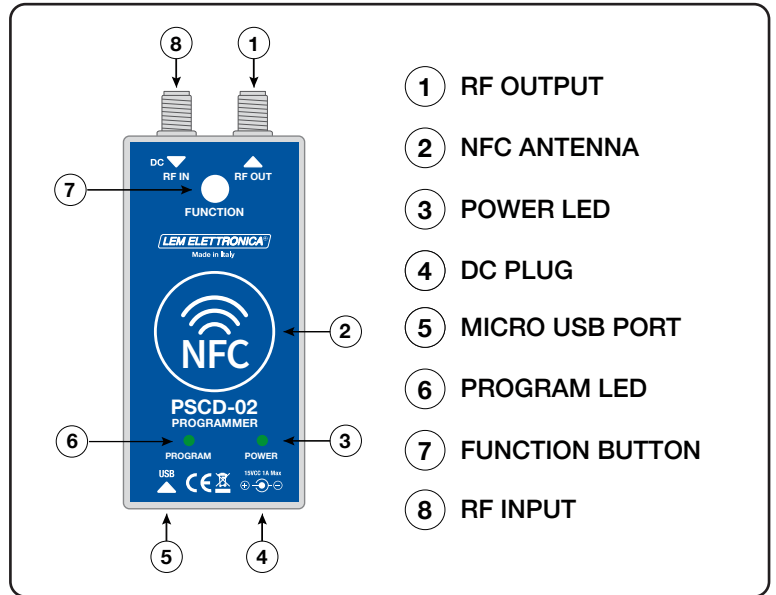
### User manual PSCD-02

Remote programmer via coaxial cable.

The **PSCD-02** programmer enables the reading and writing configurations for the **MSP3-5G** and the **MSA3-5G** mast amplifiers with the **LEM NFC** application.

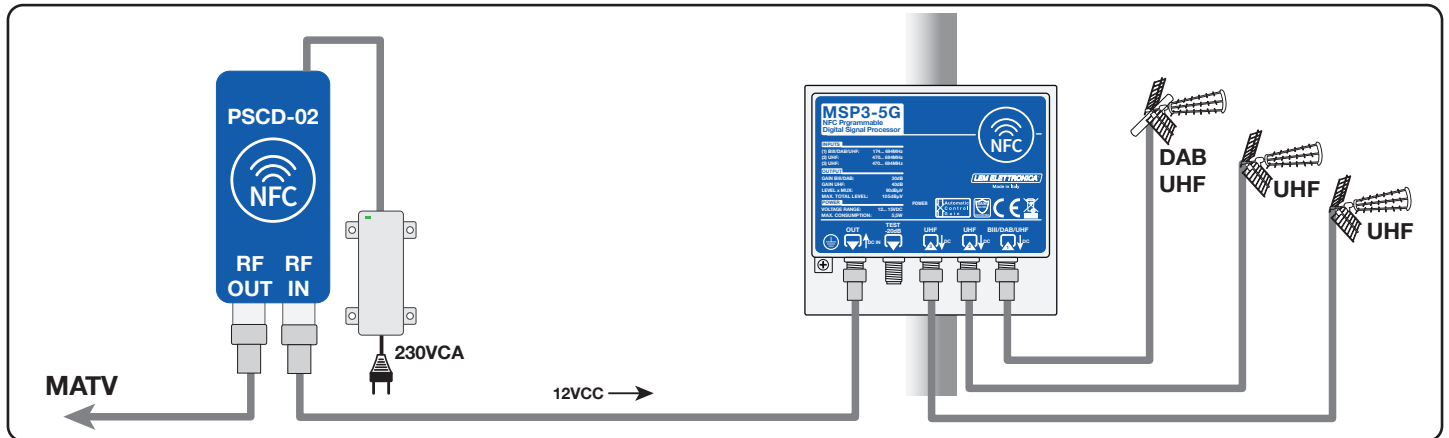
Additionally, the **MSA3-5G** compact amplifier can be programmed automatically using the **SmartScan** function.

**NOTE:** Function enabled on MSA3-5G from rel. fw1.3  
Function enabled on MSP3-5G from rel. fw1.2



### PSCD-02 programmer connection

- 1\_ Use a coaxial cable to connect the RF input of the **PSCD-02** controller with the device you wish to programme.
- 2\_ Connect the supplied power adapter to the **PSCD-02** controller and then plug it into the mains socket.
- 3\_ Once switched on, the controller will start sending query messages via coaxial cable. When the programmer detects an **MSP3-5G** or **MSA3-5G** compact amplifier, the **PROGRAM LED** changes to steady **green colour**.
- 4\_ Since the **PROGRAM LED** is in a steady green state, you can proceed with programming the amplifier.



## WARNING!

**Do not add another power source between the PSCD-02 controller and the amplifier.**

### TECHNICAL SPECIFICATIONS

INPUT / OUTPUT		40... 2.200MHz
TYPICAL TRUNK LOSS	dB	1
SHORT CIRCUIT PROTECTION		YES
OUTPUT VOLTAGE	VCC	12
MAX. OUTPUT CURRENT	A	1
SUPPLY VOLTAGE	VCC	12... 15
COMMUNICATION STANDARD		NFC
PROGRAMMING PORT		micro USB



The equipment complies with the CE requirements



The equipment is compliant with RoHS 2011/65EU



Dispose according to local authorities recycling processes



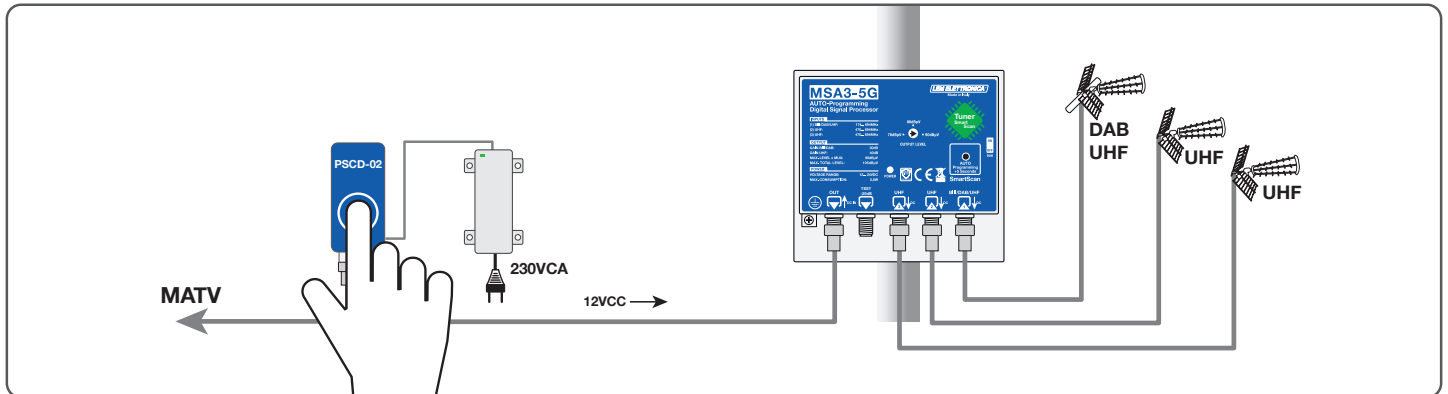
Symbol indicating that the supplied mains power supply complies with the safety requirements for class II devices.



Risk of fire or electrocution.

## Automatic SmartScan programming of the MSA3-5G amplifier.



- 1\_ If you wish to remotely enable the auto-programming procedure **SmartScan**, press and keep hold the **PROGRAM** button for about **5 seconds**.
- 2\_ The activation of the **SmartScan** function is signalled by the **PROGRAM LED** flashing green. The duration of the procedure depends on the number of MUX/Channels at the amplifier inputs.
- 3\_ Once **SmartScan** search and storage is complete, the **PROGRAM LED** will stop flashing and turn solid green.



## Manual programming of MSP3-5G and MSA3-5G amplifier

- 1\_ Start the **LEM NFC** application from your smartphone.

Note: Make sure you have the latest version of the application

- 2\_ From the Home menu, enter section **PSCD-02** (figure 1)
- 3\_ Select the model of control unit you want to programme (figure 2)
- 4\_ To read the configuration stored in the amplifier, select the **READ** mark  and bring the smartphone close to the controller so that there is contact between the NFC antenna built into the smartphone (1) and the **NFC antenna** on the **PSCD-02** controller.
- 5\_ To load a new configuration into the amplifier, select the **WRITE** mark  and follow the procedure as described in the previous point.

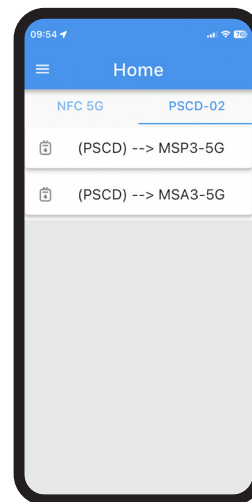


figure 1

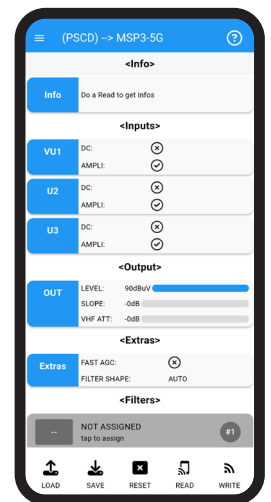


figure 2

