
Hydra Plus & Remote Radio

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1. PLUS & REMOTE RADIO

1.1. INTRODUCTION

In order to use the remote control radio/cable (created for the consoles **Space**, **Sky** and **Spirit**) with the consoles **Hydra Plus**, we should take into account:

- The remote control radio/cable is the same for any console of the previous.
- To use it with a console **Hydra Plus**, you need (over the console):
 1. Software version 2.43 or latter.
 2. Hardware modification over the RS485 port (these modifications must be done for a technical service).



1.2. HAVE IN MIND

With the objective of to work with the remote control radio/cable and the **Hydra Plus**, it must take into account some small differences in the data of the user manual so much of the remote control as of the console:

1.2.1. Connection port for remote control in the console: **RS485**

In the user manuals of remote control and consoles is made reference to the port **LT-LINK**, port of connection of the remote control, now then, in the consoles **Hydra Plus** the port **LT-LINK** does not exist and it is replaced by the port **RS485**... Thus the remote control or the RF receiver should be connected to the **RS485** of **Hydra Plus** (port **LT-LINK** for **Hydra Space**, **Sky** or **Spirit**)

1.2.2. Incompatibilities for Hydra Plus

Before the version 2.43 the port **RS485** of **Hydra Plus** was a port for the serial control of external units (configurable in the menu **20: Devices**)

From the version 2.43 this port **RS485** has a second usefulness (connection with the remote control radio/cable), second usefulness that becomes the high-priority. For this motive, to configure the port as a port of serial control will be necessary:

- Have no selected the option **1: REMOTE** inside menu **35: REMOTE & POCKETpc** (that from here will be named ***REMOTE**)

This option is high-priority, what means that we can have configured the port **RS485** as a **Device** (in the menu 20), but if we establish the option **REMOTE**, the **Device** will be disabled... and already alone can return to enable removing it the option **REMOTE** (in menu 35).

1.2.3. Notes about the connection ports: REMOTE & RS485

The REMOTE input (Plus) remains without usefulness in these systems. Not to connect ever the remote control to this connector.

The LT-LINK port, of the models **Space, **Sky** and **Spirit**, has the same code that the RS485 port of **Plus**, and this will be the port where to connect the remote control. Previously this port will need some hardware modifications.**