

SPI-300

EN



SETUP GUIDE FOR «QRA» PROCESSORS

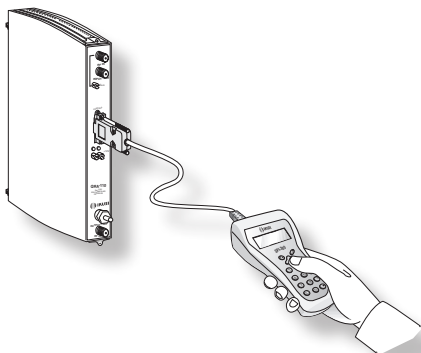


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Index

1. Screens of the programming unit

1.1 - Module basic information	3
1.2 - Main Menus	3
- General Menu	4
- Settings Menu	4
• Channel	
• Levels	
• Cancellation	
- Info Menu	6
• Alarms	
• Details	
- Language Menu	6



1. SCREENS OF THE PROGRAMMING UNIT

1.1 - Module basic information


As explained in the Basic Handling guide supplied with the SPI-300, when you connect this to the module, all data for identification, configuration and status of the module are loaded into the SPI-300. A detection screen appears for a short time, and next the display shows the Basic Information screen, which identifies the module and presents its most representative configuration and status data.

The basic information screen for QRA processors is the following:

QRA-110	F1.01
Channel: 68//	0 KHz
CANCELLR: ON	
	OK

These are the meanings of the expressions and data displayed:

- Name of the module.
- "F-.-" : Firmware version (the firmware is the software stored in the module that manages its basic running).
- "Channel: --/" : Displays the TV channel to which the module is adjusted.
- "- KHz" : Shows the value of the Offset option.
- "Canceller: ON/OFF" : Shows the status of the echo canceller.

Execute OK (key ) to exit this screen and display the Main Menu (page 8 of the Basic Handling guide).

1.2 - Main Menus

As explained in the Basic Handling guide, the General menu is identical for all the modules and its contents are described on page 8. The **Settings** and **Info** menus include, however, options and information which depends on the type of module. Those of the QRA processors are described next.

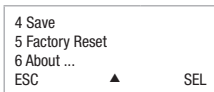
1 General	
2 Settings	
3 Info	
4 Language	SEL

- GENERAL Menu:

The menu is divided into two screens, which contain the different parameters and options (the arrows ▼▲ show there are more screens). To navigate among the different options, press ↑ or ↓.

The General menu commands are the following:

- "Detect" : Detects the connected module.
- "Send" : Saves the modified values to the module.
- "Restore" : Restores a previously saved configuration. This option is useful when the same configuration has to be applied to different modules.
- "Save" : Saves the current configuration of the module to the programming unit.
- "Factory Reset" : Restores the factory settings of the module.
- "About..." : Displays the firmware version of the SPI-300.





- SETTINGS Menu:

Contains all the setting parameters of the connected module. They are grouped into three sections:





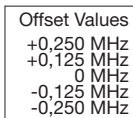
- **Channel** : Press SEL  to enter and display the channel options:




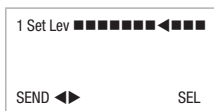
Channel - Allows changing the input channel. Press SEL  and use the arrows (↑ and ↓) to introduce the desired channel. Then press ↵ and SEND .


Offset - When an adjacent channel interferes with a channel, it may be necessary to adjust its tuning in order to reduce the interference.

The Offset option allows displacing the channel tune forwards or backwards in steps of 0.125 MHz. Press SEL  to display a list of 5 possible values. Select the desired offset value and press SEL .






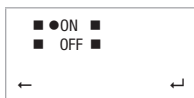
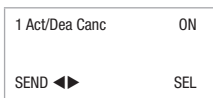
• **Levels** : When the canceller is active, the system adjusts the output level to control echoes and obtain the best performance. If the level is excessive, it can be manually decreased by pressing SEL and using the arrows ← and → to introduce the desired value. To save the new value as the working value of the installation, execute SEL  and SEND.



When the canceller is deactivated, the signal processor output level and can be modified by pressing SEL  and using the arrows ← and → to adjust.

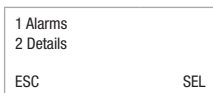


• **Cancellation** : This option allows to activate or deactivate the echo cancellation option. Press SEL , and select ON / OFF using the arrows ↑ and ↓. When done, press  and SEND .

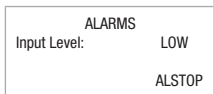



- INFO Menu:

Provides information about the status of the connected module. This information is distributed into two screens, which corresponds to the two options of the menu: Alarms and Details.

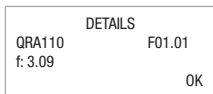


- **Alarms:** Informs of any anomaly observed in the signal processing or in the components of the module.





Execute ALSTOP (key ) to stop updating the alarms information. The OK command will appear. Execute it to exit the menu.

- **Details:** Identifies the module and displays different software versions.



- LANGUAGE Menu:

Executing SEL (key ) , a list with four possible languages will be displayed. Select the desired one using the keys \uparrow and \downarrow and press  to save.

