

4. DIAGNOSTIC

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Digicom ISDN Terminal Adapters have an automatic internal self test diagnostic that starts automatically when the T.A. is turned on.

4.1. DIAGNOSTIC ACTIVATION

4.1.1. CCI05 diagnostic

If the CCI05 is turned off and on, starts automatically the internal self test diagnostic to understand particular problem before the normal function. During the automatic diagnostic, the led present on the external interface follow this status:

RED —> ORANGE —> RED

If the led do not follow this color status, probably the T.A. have some problems on the internal devices.

During the connection, the led present on the external interface follow this status:

COLOR	STATUS
RED	TA deactivated (OFF LINE status)
GREEN	TA activated (OFF LINE status)
ORANGE	TA in ON LINE mode

The activation/disactivation Terminal Adapter status, do not indicate problems inside the T.A.

These status permits to enable/disable only the Layer 1 connection procedure from ISDN network to the Terminal Adapter.

4.1.2. SNT06/xx diagnostic

If the SNT06 is turned off and on, starts automatically the internal self test diagnostic to understand particular problem before the normal function. During the test, the TEST led present on the front panel is ON; if the diagnostic test is ok, after 4 sec. the led is turned off, otherwise the led flash to indicate problems.

4.2. LOOP ACTIVATION

On the CCI05, the diagnostic tests are activate using the AT commands from a terminal emulation.

4.2.1. Analog Local Loop Activation

With the T.A. in Off Line mode, send the AT&T1 command to enable the local loop test.

To disable the local loop test send to the T.A. the escape sequence (+++) and the AT&T0 command.

4.2.2. Digital Local Loop Activation

To activate this test, please follow these steps:

- Make a connection with a remote T.A.
- Set the escape sequence (+++) to the local T.A. to go in escape mode
- Send the AT&T3 command to activate the digital local loop test. All the data that you digit to the remote DTE, pass trough the ISDN network, arrive on the local T.A. interface and loop back to the remote T.A.

To disable the remote loop test send to the T.A. the escape sequence (+++) and the AT&T0 command.

This diagnostic loop is activable only in V110 protocol (%A2=1).