



## User's Guide

**bintec R1200 / R1200w(u) / R3000 / R3000w / R3400 / R3800(wu)**

**ADSL**

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Version 3.0

<b>Purpose</b>	This document is part of the user's guide to the installation and configuration of bintec gateways running software release 7.4.10 or later. For up-to-the-minute information and instructions concerning the latest software release, you should always read our <b>Release Notes</b> , especially when carrying out a software update to a later release level. The latest <b>Release Notes</b> can be found at <a href="http://www.funkwerk-ec.com">www.funkwerk-ec.com</a> .		
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# 1 ADSL Menu

The fields of the **ADSL** menu are described below.

R3000W Setup Tool	Funkwerk Enterprise Communications GmbH
[ADSL] : ADSL settings	MyGateway
Physical connection established: no	
ADSL Trained Mode:	Unknown
ADSL Configured Mode:	Multimode
Annex Type:	Annex B
Verify ATM Configuration >	
Transmit shaping:	disabled
SAVE	CANCELS

In the **ADSL** menu you configure the ADSL-interface of your gateway.



## Note

Please note that not all bintec gateways are equipped with an ADSL interface. Refer to the data sheet on [www.funkwerk-ec.com](http://www.funkwerk-ec.com) to check whether your gateway supports this interface type.

The **ADSL** menu consists of the following fields:

Feld	Wert
Physical connection established	Shows the status of the ADSL connection and cannot be edited. Possible values: <ul style="list-style-type: none"> <li>■ yes: ADSL connection has been set up.</li> <li>■ no: ADSL connection has not been set up.</li> </ul>

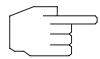
Feld	Wert
ADSL Trained Mode	<p>This field displays the ADSL operational mode. The value cannot be changed.</p> <p>Possible values:</p> <ul style="list-style-type: none"> <li>■ <i>Unknown</i>: No ADSL link is active.</li> <li>■ <i>ANSI T1.413</i>: ANSI T1.413</li> <li>■ <i>ADSL1</i>: ADSL classic, G.DMT, ITU G.992.1</li> <li>■ <i>G.Lite</i>: Splitterless ADSL, ITU G.992.2</li> <li>■ <i>ADSL2</i>: G.DMT.Bis ITU G.992.3</li> <li>■ <i>ADSL2 DELT</i>: ADSL2 Double Ended Line Test</li> <li>■ <i>ADSL2 Plus</i>: ADSL2 Plus, ITU G.992.5</li> <li>■ <i>ADSL2 Plus DELT</i>: ADSL2 Plus Double Ended Line Test</li> <li>■ <i>READSL2</i>: Reach Extended ADSL2</li> <li>■ <i>READSL2 DELT</i>: Reach Extended ADSL2 Double Ended Line Test</li> </ul>
ADSL Configured Mode	<p>Here the ADSL mode is configured.</p> <p>Possible values:</p> <ul style="list-style-type: none"> <li>■ <i>Multimode</i> (default value): The ADSL mode is automatically adjusted to that of the remote side.</li> <li>■ <i>ADSL1</i>: ADSL1 / G.DMT is used.</li> <li>■ <i>ADSL2</i>: ADSL2 / G.992.3 is used.</li> <li>■ <i>ADSL2 Plus</i>: ADSL2 Plus / G.992.5 is used.</li> <li>■ <i>None</i>: The ADSL interface is deactivated.</li> </ul>

Feld	Wert
Annex Type	<p>Here the ADSL annex type to be used is selected.</p> <p>Possible values:</p> <ul style="list-style-type: none"> <li>■ <i>Annex B</i> (default value): ADSL over ISDN (digital)</li> <li>■ <i>Annex A</i>: ADSL over POTS (analog)</li> </ul>
Transmit shaping	<p>Defines if a <b>MAXIMUM THRESHOLD (KB/s)</b> can be entered. Possible values:</p> <ul style="list-style-type: none"> <li>■ <i>disabled</i>: <b>MAXIMUM THRESHOLD (KB/s)</b> cannot be entered.</li> <li>■ <i>enabled</i>: <b>MAXIMUM THRESHOLD (KB/s)</b> can be entered.</li> </ul> <p>Default value is <i>disabled</i>.</p>
Maximum threshold (kb/s)	<p>Not for <b>TRANSMIT SHAPING</b> enabled.</p> <p>Defines the maximum data rate for upstream for the ADSL interface.</p> <p>Possible values: <i>user defined</i> and 128, 160, 192, 320, 640, 1280.</p> <p>Default value is <i>user defined</i>.</p> <p>If set to <i>user defined</i>, the required data rate can be entered. Default proposal is 80.</p>

Table 1-1: **ADSL** menu fields

The **ADSL** menu provides for access to the ATM configuration menu via the link **VERIFY ATM CONFIGURATION >**. (see **bintec User's Guide** chapter **ATM**).

The ATM configuration has to be adjusted to the selected **ANNEX TYPE**. As per default an Ethernet interface is configured on your gateway in the **ETHERNET OVER ATM** menu, that is adjusted to ADSL connections with **ANNEX TYPE = Annex B**.

**Note**

Verify the ATM configuration in the **ETHERNET OVER ATM** menu via the **VERIFY ATM CONFIGURATION >** link whenever changing the **ANNEX TYPE**.

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