

QN-003-WUK

How to Upgrade the Firmware on ADSL and xRD routers

Upgrading the Firmware on all ADSL/BRD broadband routers and MRD wireless routers









QN-003-WUK Rev.1



OVERVIEW

The following pages show how to upgrade the firmware on the MRD wireless routers and ADSL-350/BRD-355 broadband routers. Please ensure you have read and understood the legal.pdf regarding License and Copyright when using the firmware. This document can be found in the Firmware folder along with the firmware release notes.

UPGRADING THE FIRMWARE OF THE ADSL-350/BRD-355 OR THE MRD-SERIES

Do not disconnect the power from the unit during the upgrade procedure!

Verify that the upgrade has been successful before disconnecting the unit.

Westermo recommends user to have local access to the unit before commencing the upgrade procedure.

STEP 1 – CONFIGURE YOUR IP

In order to connect to the unit via the web-inteface, you need to configure your pc to the same subnet.

Configure your PC to the same subnet

anaral					
eneral					
You can get IP settings assigned this capability. Otherwise, you ne for the appropriate IP settings.	automatically if your network supports aed to ask your network administrator				
Obtain an IP address autom	natically				
• Use the following IP address	5:				
IP address:	192 . 158 . 2 . 100				
Subnet mask:	255 . 255 . 255 . 0				
Default gateway:	192 . 168 . 2 . 200				
Obtain DNS server address	automatically				
• Use the following DNS serve	er addresses:				
Preferred DNS server:	8 . 8 . 8 . 8				
Alternative DNS server:					
Validate settings upon exit	Advanced				



STEP 2 – BACKUP YOUR CONFIGURATION

In order to make sure that your configuration is not lost during the upgrade procedure, please make sure to backup your settings.

1. Login to the web-user-interface of the unit (default IP: 192.168.2.200 subnet: 255.255.255.0)

Default credentials : admin	Authentication Required http://192.168.2.200 requires a username and password. Your connection to this site is not private.				
westermo	User Name: admin Password:				
	Log In	Cancel			

2. Access the "Backup & Upgrade" page by clicking System -> Backup & Upgrade in the menu

westermo [®]		55812	
MRD-455			
Status System Wireless Net	work Routing Firewall	VPN Serial Server	Management
Administration Backup & Upgrade	Information Syslog	Location Support	Certificates
		Logged In as ac	INNI HOST: MKD-455-61-06-60
Backup & Upgrade	Backup current configura	tion	
MRD-455-e1-	0e-ec-20170615-054509.ccc	l (click here <u>to save)</u>	
	Restore a saved configura	tion	
Select configuration file	e Choose fil	e No file choser	
	Upload		
	Upgrade firmware		
Current firmware version	on	1.	7.5.3
Select upload file	Choose fil	e No file chosen	
	Unload		

3. Now click on the link under "Backup current configuration" and save the file



STEP 3 – UPGRADE THE FIRMWARE

1. Click on the "Choose file" tab under "Upgrade firmware" and navigate to the firmware file in the popup window.

Upgrade firmware					
Current firmware version			1.7.5.3		
Select upload file		Choose file No file chosen			
	Up	load			

2. Select the .img file and click open

		Log	ded in as adm
Open			×
→ 👻 🕇 📙 « MRI	D > westermo_fw_mrd-3 v ♂ S	earch westermo_fw_m	م rd-355
rganise 🔻 🛛 New folder	r	=== -	
MR260-IMXBOO ^	Name	Date modified	Туре
westermo_fw_m	🔋 legal.pdf	26/07/2017 11:24	PDF File
westermo_fw_m	imrd-355_mrd-455-v1770.img	26/07/2017 11:24	Disc Image
ConeDrive	mrd-355_mrd-455-v1770.img.md5	26/07/2017 11:24	MD5 File
oneonic	mrd-355_mrd-455-v1770.img.sha256	26/07/2017 11:24	SHA256 File
This PC	📔 readme.txt	26/07/2017 11:24	TXT File
Desktop	\min westermo_mrd_firmware_upgrade.pdf	26/07/2017 11:24	PDF File
🗄 Documents	\min westermo_rn_mrd-355_455_version_1_7_7	26/07/2017 11:24	PDF File
Downloads	WESTERMO-MRD-MIB.mib	26/07/2017 11:24	MIB File
Music	WESTERMO-MRD-MIB.my	26/07/2017 11:24	MY File
Pictures			
📲 Videos			
Lindows8_OS ((
🞐 Network 🗸 🗸	<		2
File na	me: mrd-355_mrd-455-v1770.img v	All Files	~
	[Open	Cancel

3. Now click "Upload" and wait for the file to be uploaded to the unit.

Upgrade firmware					
Current firmware version	1.7.5.3				
Select upload file	Choose file mrd-355_mrd5-v1770.img				
Up	load				

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4. The file will be verified before the actual upgrade procedure is started. As the screenshot below illustrates the user can either go ahead with the upgrade procedure by clicking on "Upgrade" or abort by clicking "Cancel Upgrade"

MRD-455	
Status System Wireless Network Routing	g Firewall VPN Serial Server Management
Administration Backup & Upgrade Information	Syslog Location Support Certificates
Backup & Upgrade Backup curro MRD-455-e1-0e-ec-2017061	ent configuration 5-054739.ccd (click here to save)
Restore a sa	ved configuration
Select configuration file	Choose file No file chosen
U	pload
Upgrad Status of uploaded file Filename Release Build date Upgrade	le firmware Passed MRD355-V1.7.7.0.intimg V1.7.7.0 06/06/2017 Cancel Upgrade
Eirmware unloaded and w	verified as a valid firmware file

5. Please click "Upgrade" to begin the upgrade procedure.



6. The unit will now be upgraded to the new firmware version and will be rebooted once the upgrade is completed.

W Westermo		181122222			
MRD-455					
Status System Wireless Netw	ork Routing Firewall VPN	Serial Server Management			
Administration Backup & Upgrade	Information Syslog Location	Support Certificates			
		Logged in as admin Host: MRD-455-e1-0e-ec			
Backup & Upgrade					
	Backup current configuration				
MRD-455-e1-0	<u>)e-ec-20170615-054807.ccd (click here</u>	to save)			
	Restore a saved configuration				
Select configuration file	Choose file No file ch	losen			
Beleet comgaration me	Upload	00011			
	Ορισαυ				
	Upgrade firmware				
The upgrade is now starting.					
The upgrade will take so	everal minutes to complete and the moo during this time.	lem will be offline			
The mode	m will reboot once the upgrade is compl	ete.			

Firmware upgrade procedure in progress. Do NOT disconnect the power!

7. The web page will not be updated automatically once the firmware upgrade is completed. The upgrade process is between 5-10 min for a major upgrade where unique security certificates are being generated.



8. Once the firmware upgrade is completed, you can verify this simply by refreshing the page.

WŴ	West	ermo			2200		681	122	222
MR	D-45	5						,	
Status	System	Wireless	Networ	rk Routing	Firewall	VPN	Serial Ser	ver Ma	nagement
Administ	ration	Backup & Upg	rade 1	Information	Syslog	Power	Location	Support	Certificates

Logged in as admin Host: MRD-455-e1-0e-ec

Backup & Upgrade

Backup current configuration MRD-455-e1-0e-ec-20170615-055307.ccd (click here to save)

Restore a saved configuration				
Select configuration file	le Choose file No file chosen			
	Upl	oad		

Upgrade firmware				
Current firmware version	1.7.7.0			
Select upload file	Choose file No file chosen			
Up	load			

Should you require assistance with the process or have any questions, please contact your local Westermo Support office.





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