

# User Guide for Leawo UHD Drive Tool

Company website:	https://www.leawo.org/
Product website:	https://www.leawo.org/uhd-drive-tool/
Download website:	https://www.leawo.org/downloads/uhd-drive-tool.html
User guide website:	https://www.leawo.org/uhd-drive-tool/user-guide.html



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# Part 1: Leawo UHD Drive Tool Introduction

Several problems may appear due to the prevalence of 4K, such as firmware incompatible on a drive - the firmware on UHD Drives prohibit third-party UHD backup/ripper software tools from accessing 4K discs from the drives. In this scenario, Leawo UHD Drive Tool enables to downgrade UHD-unfriendly Firmware on Blu-ray drive to a compatible version for 4K UHD Blu-ray ripping, copying or playing via certain programs, like Leawo Blu-ray Ripper, Leawo Blu-ray Copy and Leawo Blu-ray Player. With this superb yet flexible drive downgrade tool, clients are allowed to read, rip, copy or burn the discs without any restriction.





# Part 2: Supported 4K UHD Drive List

As a professional program, Leawo UHD Drive Tool supports a wide range of 4K UHD drives from well-known manufactures like LG, ASUS, etc. Aside from that, the tech team of Leawo Software is putting efforts into supporting more and more 4K UHD drive models.

Supported 4K UHD Drive List	
ASUS BC-12D2HT	Tested
ASUS BW-16D1HT	Tested
LG BH16NS40	Tested
LG BH16NS55	Tested
LG WH16NS58	Tested
LG WH16NS60(Official)	Tested
LG BU40N(Buffalo/hp HLDS BDRE BU40N)(Official)	Tested
LG BU50N(hp HLDS BU50N)(Official)	Tested
LG BH14NS58	Tested
LG BH16NS58	Tested
LG WH14NS40	Tested
LG WH16NS40	Tested
LG WP50NB40	Tested
ASUS BC-12B1ST b	
ASUS BW-16D1H-U	
LG BE16NU50	
LG BH14NS50	
LG BH16NS50	
LG BH16NS60	
LG BP50NB40(Official)	
LG BP55EB40	
LG BP60NB10(Official)	
LG CH12NS40	
LG UH12NS40	
Buffalo BRUHD-PU3-BK(Official)	
Archgon MD-8107S-U3-UHD BU40N(Official)	



# Part 3: How to Register Leawo UHD Drive Tool

Leawo UHD Drive Tool provides both trial and purchase versions. But here is a note, people can't commence downgrading the firmware in the free trial version. In order to start the downgrading process, clients are required to purchase the official edition and activate this program. Here are detailed steps on how to register Leawo UHD Drive Tool below:

### Step 1: Launch Leawo UHD Drive Tool on PC

	Optical Drive Information	
Ontical driver		
Optical drive.		$\sim$
J:[PHILIPS-SPD2216T]		O
Interface: SATA	UHD Compatible:	
Current Firmware: P1.0		
UHD Compatible Firmware:		
	Log	
10:38:03 Leawo UHDDriveTool Sta	rted.	
10:38:03 Windows 10 64-bit, build	18363	
10:38:03 Searching for SCSI/ATAPI	devices	
(1) 10:38:03 Refreshing the drive list		
10:38:03 Found Drive 1 - J:[PHILIPS	S-SPD2216T]	
10:38:03 Selected Drive 1 - J:[PHIL]	IPS-SPD2216T], firmware: P1.0	
10:38:03 The selected drive is not	UHD drive.	
10:38:03 Please click <u>here</u> to check	c the supported UHD drive list.	
Status:		



# Step 2: Click on the Register tab to activate Leawo UHD Drive Tool

Click the **EEE** icon at the top of the panel to call out a pop-up window, in which you can select the **Register** tab.

Leawo UHD Drive Tool		🖬 🖬 🕺 🛱 🗖 🗶
	Optical Drive Information	Buy Now Register
Optical drive:		Language
J:[PHILIPS-SPD2216T]		User Guide
		Bug Report
Interface: SATA	UHD Compatible:	About
Current Firmware: P1.0		Check for updat
UHD Compatible Firmware:		
		*
	Log	<u></u>
10:38:03 Leawo UHDDriveTool Sta	arted.	
① 10:38:03 Windows 10 64-bit, build	I 18363	
(10:38:03 Searching for SCSI/ATAPI	devices	
10:38:03 Refreshing the drive list		
10:38:03 Found Drive 1 - J:[PHILIP	S-SPD2216T]	
10:38:03 The selected drive is not	UHD drive	
10:38:03 Please click here to chec	k the supported UHD drive list.	
Status:		
	Retry	



### Step 3: Input the registration code into the blank box

If you already have a registration code, just paste the code into the blank bar and then click the



to activate this tool.

Optical drive: J:[PHILIPS-SPD2216T		Optic							
Optical drive: J:[PHILIPS-SPD2216T			al Drive	Informatic	m —				
J:[PHILIPS-SPD22167									
	]							୭	
Interface: SATA				UHD Comp	atible:				
Current Firmware: P	.0								
UHD Compatible Firr	nware:								
	Register						×		
		102200		DEST	211				
		Leav	vo оно	Drive to	01				
10:38:03 L	istration Code:			Ť			$(\mathcal{F})$		
① 10:38:03 W				ά.					
10:38:03 S									
① 10:38:03 F			1	Davas		D			
① 10:38:03 S				Kenew		buy			
10:38:03 The se	recteu anve is	not one							

**Note:** If you don't have any code, just click **and the particular on the panel to enter the purchase page of Leawo UHD Drive Tool to acquire the registration code.** 



# Step 4: Leawo UHD Drive Tool has been successfully activated

A pop-up window will prompt to remind that this module has been activated successfully.

		Optical Drive Inf	ormation		
Optical drive:					
J:[PHILIPS-SPD2	216T]				0
Interface: SATA		t	IHD Compatible:		
Current Firmwar	e: P1.0				
UHD Compatible	· Firmware:				
	C Register			×	
		Leawo UHD D	rive Tool		
<ol> <li>10:38:03 Li</li> <li>10:38:03 W</li> <li>10:38:03 S</li> </ol>	Registration Code:	Congrats. The module ha	s been activated succ	essfully.	
<ul> <li>10:38:03 R</li> <li>10:38:03 Fi</li> <li>10:38:03 S</li> </ul>			Renew	Buy	
<ol> <li>10:38:03 Th</li> <li>10:38:03 Pk</li> </ol>	e selected unive is ease click <u>here</u> to o	not one arive. heck the supported UH	D drive list.		
Status:					



# Part 4: How to Downgrade Firmware on UHD Blu-ray Drive

Presenting an intuitive interface and clear guidance, Leawo UHD Drive Tool provides a practical yet easy way for both novices and veterans to carry out the downgrading process.

### Step 1: Select the UHD drive from the available list

Make sure that you've connected the UHD drive to the computer and start Leawo UHD Drive Tool. After that, select a desired optical drive by clicking the downward triangle icon.

	Optical Drive Information	
Optical drive:		
J:[PHILIPS-SPD2216T]	*	0
I:[HL-DT-ST-BD-RE BH16NS58]		
J:[PHILIPS-SPD2216T]		
Current Firmware: P1.0		
UHD Compatible Firmware:		
	Log	
Ѱ 11:06:40 Searching for SCSI/AT	API devices	
(1) 11:06:40 Refreshing the drive li	ist	
① 11:06:43 Found Drive 1 - I:[HL-I	DT-ST-BD-RE BH16NS58]	
① 11:06:43 Found Drive 2 - J:[PHI	LIPS-SPD2216T]	
⊕ 11:06:43 Selected Drive 1 - I:[H	L-DT-ST-BD-RE BH16NS58], firmware: 1.00	
	mation successfully firmware 102 bit 100	
11:06:43 Access firmware infor	na	
11:06:43 Access firmware infor     11:06:43 Selected Firmware: 1.0     11:06:43 Waiting for click "Dow	D2 Ingrade Firmware" button to downgrade	
<ol> <li>11:06:43 Access firmware infor</li> <li>11:06:43 Selected Firmware: 1.0</li> <li>11:06:43 Waiting for click "Dow</li> <li>11:06:43 Selected Drive 2 - LIP</li> </ol>	/ngrade Firmware" button to downgrade. HILIPS-SPD2216T1 firmware: P1.0	
<ul> <li>① 11:06:43 Access firmware infor</li> <li>① 11:06:43 Selected Firmware: 1.0</li> <li>① 11:06:43 Waiting for click "Dow</li> <li>① 11:06:43 Selected Drive 2 - J:[P</li> <li>① 11:06:43 The selected drive is a</li> </ul>	vngrade Firmware" button to downgrade. HILIPS-SPD2216T], firmware: P1.0 not UHD drive.	



### Step 2: Choose a target firmware

Pick out a firmware version from the drop-down box, following that, click the **Downgrade Firmware** button.

Optical drive:		
I:[HL-DT-ST-BD-RE BH16NS58]		0
nterface: USB	UHD Compatible: Friendly	
Current Firmware: 1.00		
JHD Compatible Firmware:		
1.02	•	
1.02	S	]
1.01		
1.00		
① 11:10:15 Access firmware infor	mation successfully! firmware: 1.02, 1.01, 1.00	
11:10:15 Selected Firmware: 1.0	02	
(1) 11:10:15 Waiting for click "Dow	ngrade Firmware" button to downgrade.	
① 11:10:15 Selected Drive 2 - J:[P	HILIPS-SPD2216T], firmware: P1.0	
$\oplus$ 11:10:15 The selected drive is r	not UHD drive.	
$\oplus$ 11:10:15 Please click <u>here</u> to ch $\bigoplus$ 11:10:17 Selected Drive 1 - F(1)	leck the supported UHD drive list.	
11:10:17 Selected Drive T - I:[H	mation successfully firmware: 1.02, 1.01, 1.00	
11:10:17 Selected Firmware: 1 (	102, 1.01, 1.00	
11:10:17 Waiting for click "Dow	vngrade Firmware" button to downgrade.	
tatus:		

**Warm prompt:** There is a message that comes along to remind people not to power off, disconnect the drive or close the UHD Drive Tool when the downgrade process is in progress. Click the **Continue** button to begin the downgrading.



### Step 3: Downgrade the firmware

	Optical Drive Information	
Optical drive:		
I:[HL-DT-ST-BD-RE BH16NS58]		0
Interface: USB	UHD Compatible: Friendly	
Current Firmware: 1.00		
UHD Compatible Firmware:		
1.02		
	Log	
U 11:10:15 The selected drive is not 11:10:15 Please click here to chec 11:10:17 Selected Drive 1 - I:[HL-C 11:10:17 Access firmware informa 11:10:17 Selected Firmware: 1.02 11:10:17 Waiting for click "Downg 11:15:32 Downloading firmware, plea 11:15:35 Validating firmware succes 11:15:35 Validate firmware succes 11:15:35 Validate firmware succes	t UHD drive. <b>k the supported UHD drive list.</b> DT-ST-BD-RE BH16NS58], firmware: 1.00 ation successfully! firmware: 1.02, 1.01, 1.00 grade Firmware" button to downgrade. please wait cessfully! ase wait cessfully!	
Status: Flashing firmware	e wait DO NOT POWER OFF	



### Step 4: Restart the computer after refreshing the

#### firmware

When the downgrading process is finished, we'd like to recommend users to restart the computer to make sure Leawo UHD Drive Tool runs smoothly and flawlessly.

	Optical Drive Information		
Optical drive:			
I:[HL-DT-ST-BD-RE BH16NS58]			0
Interface: USB	UHD Compatible: Fri	iendly	
Current Firmware: 1.00			
UUD Compatible Sirmware			
t eo		1.000	
1.02 Ceawo UHD [	Drive Tool	×	
Firmware	refreshing succeeded		
Restarting	computer is recommended.		
₩ 11:10:17 S			
11:10:17 A			
① 11:10:17 S			
① 11:10:17 W			
① 11:15:32 D	Restart N	Later	
() 11:15:35 V			
① 11:15:35 Validate firmware succ	essfully!		
① 11:15:35 Flashing firmware, plea	ase wait DO NOT POWER OFF!		
11:16:02 The firmware flashed s	uccessfully. Please restart your compute	er and enjoy your upo	dated
optical drive			
Status:			
	Noncompany of the Property of the		



# Part 5: FAQs about UHD drive

### What does friendly or official mean in UHD drive?

UHD Official Drive: A drive designed to compatible with UHD Blu-ray.

**UHD Friendly Drive:** This drive is not specifically designed for UHD Blu-ray, but it still can be used on such discs after downgrading the firmware.

# Do I need to downgrade the firmware since my UHD drive can work with Leawo's products?

You don't have to downgrade/flash the firmware as your UHD drive can work with Leawo's products perfectly.