

Application Note

Series 5000 firmware upgrade procedure

Revision 1.2.1 January 2015



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1 Register a new Update Manager account

1. Open the APPolo Control GUI by clicking on the desktop icon.



2. Click on Help > Registration/Login.

Help		
About	F1	
🕐 What's This	Shift+F1	
	ogin	
Collect Service	Information	

3. Select "Create a new account" and click on "Next".

G Registration		8 ×
Create a new acco	ount	
Name		
Title		
Company		
Phone		
Email		
Reg. Key		
Subscribe for email in	formation about new updates	
		Save Cancel

- 4. Type in your contact information and click on "Save". A request email will be send to LYNX Support automatically.
- 5. After your account has been activated you will receive an email with your login information.

2 Logging in with an existing account

1. Open the APPolo Control GUI by clicking on the desktop icon.



2. Click on Help > Registration/Login.

	Help			
ŀ		About	F1	
	ا 📀	What's This	Shift+F1	
5	F	Registration/Login	_	
	(Collect Service Information	n	

3. Select "Enter a Registration-Key" and click on "Next".

Registration
Enter a Registration-Key
Email
Reg. Key
NOTE: The application needs to be restarted for changes to become effective.
Save

- 4. Type in your login information and click on "Save".
- 5. Restart the APPolo Control GUI.

3 How to install and use the offline database

- Use the following link in your web browser to open the Lynx APPolo Control download page: <u>http://download.lynx-technik.com/public/c3_local/</u>
- 2. Download the latest version of the programmer database.
- 3. Install the offline database by double-clicking the setup .exe-file. (Note: *The APPolo Control GUI has to be installed first.*)
- 4. Open the APPolo Control GUI by clicking on the desktop icon.



5. Open the Update Manager with Tools > Update Manager.

Tools Styles Help		
📴 Main Control	Ctrl+M	**
💿 Backup	Ctrl+B	
💽 Restore	Ctrl+R	
🗿 Update Manager 🛛 🔸	UTTU	
👵 Connection Manager	Ctrl+N	
🛅 Backup File Manager	Ctrl+L	
Remote Control Interface	Ctrl+I	

6. Click on the Settings - TAB and enable the checkbox "Offline" as you can see in the picture below.

🗿 Update	Manager
Update Settings	Browser 😽 USB Adapter (n.c.)
-Local Database	
Local Database presence	present
Update status	unknown
Last synchronization Date	2013.01.11
Synchronize Local Databas automatically Synchronize now	²
Connection Settings	
Connection Status	offline
Connection Speed	not detected
HTTP-Proxy	Port: OK
Enable Proxy	

4 Updating Firmware by using SmartUpdate

Requirements:

- APPolo Control GUI 6.2.0 or later with Update Manager activated (see chapter 1 and 2).
- RCT5023 or RCT5023-G Controller

If you open the Update Manager in the APPolo Control GUI (Tools > Update Manager) you will find two different types of icons on the left side of every device in the device tree. A checkbox indicates that the device supports the SmartUpdate functionality. The USB icon means that this device has to be updated by using the RPG USB adapter (see chapter 5).

In order to do a SmartUpdate the rack controller has to be a RCT5023 attached to a Server_5023 or "My Computer".

Updating a device via SmartUpdate:

1. Select one or more device(s) by enabling the checkbox(es).

0	Update Manager						
Update	Settings Browser 🗠 USB Adapter	(n.c.)					
Choose t	he devices to update in the list below:						
	Device	Product	Board ID	Current Version	Version Status	Update Version	Update Status
	My Computer						
	⊟ RCT5023-S Rack Controller <192.168.1.166>	RCT5023-S	714	513	ОК	513 (Recommended)	-
•~	SVD5842 3G/HD/SD/ASI 4>2 Input Switch	SVD5842	537	399	ОК	399 (Recommended)	
•~	PTG5610 HD/SD TestSignalGenerator	PTG5610	145	361	ОК	361 (Recommended)	-
Image: A state of the state	PVD5840-D 3G/HD/SD FrameSync	PVD5840-D	646	543	ОК	543 (Recommended)	- Selected for update
•~	DVA5720 Analog Video DAmp	DVA5720	98	198	ОК	198 (Recommended)	

- 2. Use the dropdown selection to choose an update version. (The latest version is selected as default and indicated as "Recommended").
- 3. Click on "Start Update" on the bottom right to start the update process.
- 4. After the update process has been finished the progress bar will turn green.

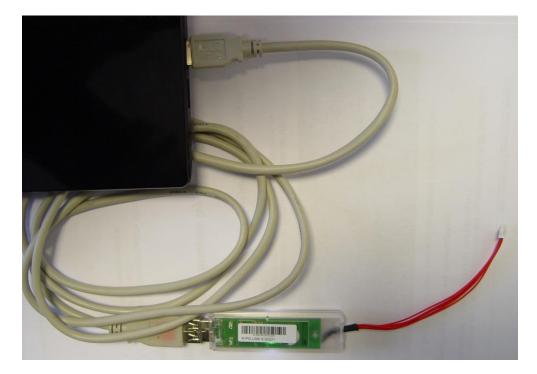
5 Updating Firmware by using RPG USB adapter

Requirements:

- APPolo Control GUI 6.2.0 or later with Update Manager activated (see chapter 1 and 2).
- RPG USB programming adapter

Updating a device via RPG USB adapter:

1. Connect the RPG USB adapter to your laptop or PC.



2. Open the USB Adapter – Tab in the Update Manager.

0	Updat	e Mana	ger		
Update	Settings	Browser	🗠 USB Adapter (5#221)		
Identify Pr	oduct				Load Data from Disk
Product:		Board:	Release Code:	Release Notes:	
Manual Sea					
	rch: Produc	t name			
Status:					Done
				 	 0%
					Start X Cancel

3. Pull the card out of the rack frame as much as you can reach the white programming socket.



- 4. Plug the RPG USB adapter to the white programming socket as you can see in the picture.
- 5. Plug the device back into the rack frame.
- 6. Click on "Identify Product" in the USB Adapter Tab of the Update Manager.

O Update Manager					
Update Setting	s Browser 🗠 US	B Adapter (S#221)			
Identify Product			Load Data from Disk		
Product:	Board:	Release Code:	Release Notes:		
PDM5289-D PDM5289-D PDM5289-U Manual Search: Prod	B55290_00_A_00 B55290_00_A_00 B55290_00_A_00	BS529000_506 (recommended) BS529000_450 (recommended) BS529000_463 BS529000_449 BS529000_446 BS529000_523 BS529000_514 BS529000_514	Changes compared to previous Version 463 : * revised ATC (VITC & LTC) paket insertion Modified embedder to work with some VTRs from a specific manufacturer. Therefore adapted data block numberation (DBN) of audio packets. * revised thing for restore operations using the Hot Sync or Backup/Restore functionality * revised Video User Delay (adjusted in ms) calculation after a change of the video input standard * revised line blanking, WSS-deletion or DVITC deletion mode		
Status:			Done		
			0%		
			Start X Cancel		

- 7. The related firmware versions will be automatically displayed from the database.
- 8. As default the latest (recommended) version is selected.
- 9. Click on "Start" on the bottom right to start the update process.
- 10. After the update process has been finished the progress bar will turn green.

📀 Updat	e Manager		
Update Settings	Browser 🤟 🗠 USB	Adapter (5#221)	
Identify Product			Load Data from Disk
Product:	Board:	Release Code:	Release Notes:
PDM5289-D PDM5289-D PDM5289-U	BS5290_00_A_00 BS5290_00_A_00 BS5290_00_A_00	B5529000_506 (recommended) B5529000_506 (recommended) B5529000_463 B5529000_449 B5529000_449	Changes compared to previous Version 463 : * revised ATC (VITC & LTC) paket insertion * Modified embedder to work with some VTRs from a specific manufacturer. Therefore adapted data block numberation (DBN) of audio packets. * revised timing for restore operations using the Hot Sync or Backup/Restore functionality * revised Video User Delay (adjusted in ms) calculation after a change of the video input standard * revised line blanking, WSS-deletion or DVITC deletion mode
Manual Search: Produc]	
Status: Programming fi	nished		Done
V///////			100%
			Start X Cancel