PNY DUO-LINK 4 User Manual



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Compatible PNY DUO-LINK On-The-GO (OTG) Products



1. PRODUCT DESCRIPTION

PNY DUO-LINK is an on-the-go USB flash drive with an integrated Apple Lightning connector that works with iOS devices (iPhone, iPad, iPod touch) and a standard USB connector that works with both Mac and PC Computers.

DUO-LINK 4 App allows users to:

- Easily transfer files between Mac/PC computers and iOS devices (iPhone, iPad, iPod touch). Browse and view documents, photos and video files and listen to music files stored on the DUO-LINK OTG flash drive and iOS device.
- Backup and restore iOS contacts and Phone contents
- Use DUO-LINK as an traditional USB flash drive on Mac and PC
- * Note: The DUO-LINK 4 App is not required for use on a Mac or PC.

Physical Description



No.	Name	Description
1	Apple Lightning Connector	Connector to iOS devices, such as iPhone and iPad
2	Standard USB Type A Connector	Connector to Mac or PC

2. SYSTEM REQUIREMENTS

DUO-LINK is compatible with:

- **iOS device**: iPhone 5 and newer, iPad mini, iPad mini with Retina display, iPad (4th generation), iPad Air, iPod touch (5th generation) and later.
- **iOS**: Version 8 and higher
- PC: Windows 8 and 10. Mac OS 10.5 and higher

DUO-LINK 4 supports FAT32 and exFAT file systems.

3. DUO-LINK APP INSTALLATION

Note: App installation requires an Apple ID and Internet connection to perform. If you do not have an Apple ID, please refer to the following links to apply for an Apple ID: http://support.apple.com/kb/HT5622

When you insert the DUO-LINK USB 3.0 OTG flash drive into your iOS device for the first time, a message will appear and ask if you would like to get the app from the App Store. Tap "App Store" to go to the DUO-LINK 4 app.



Alternative Method to access App:

Go the App store. Find the DUO-LINK 4 app ($\bigcup_{r \in NY}$).

Tap the "GET" button. Tap "INSTALL" button to download the app onto the iOS device. Tap "open" to open the DUO-LINK 4 app.

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Q duo link 4	🔇 🔍 duo link 4		8	For This Acce	ssory 📃
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Used 8.5058 Available 3.2068 External storage Used 3.47M8 Used 3.47M8 Available 3.19108	Used 54.7/18 A	walable:3.2008	Phone		
E DUG-LINK 4	Ly iPhone	E DOUTLINK A			
Eastured Top Charts Evalure Search	Lindates Featured Top Char	ts Explore Search	Updates Featured	Top Charts Explore	Q Updates

4. DUO-LINK APP DESCRIPTION



е	Description				
Photos	• Can access photos, videos and music. The files can be uploaded and				
Videos	downloaded, deleted, renamed and sorted.				
VIGEOS	 Click the icon on the home menu to enter to the directory. 				
Music					
Backup	 Backup and restore contacts, photos and videos 				
File Folder	Contains all files stored on the DUO-LINK OTG flash drive.				
	• Use this folder to browse all files or save, transfer or copy a range of				
	different files collectively.				
Comoro	a Talvas shataa and shaata videa without lasying the ang. The shotaa as				
Camera	• Takes photos and shoots video without leaving the app. The photos or				
	video will be saved automatically on the DUO-LINK OIG flash drive.				
iOS Storage	• When DUO-LINK 4 is connected to the iOS, it shows the available				
	storage space and used space on the DUO-LINK OTG flash drive.				
Drive Storage	Shows the available storage space and used space.				
Music Bar	• Appears on the top left section of the home screen when music is playing				
	on the device. Tap the music bar to go to the music player.				
• • • •					
Settings	• Provides access to information about the app, user manual and				
	PNY.com.				
	 Allows formatting of DUO-LINK OTG flash drive. 				
	e Photos Videos Music Backup File Folder Camera iOS Storage Drive Storage Music Bar Settings				

5. FILE MANAGEMENT

Grid View

5.1 Types of Views

When you enter the Photo, Video, Music or File/Folder directory, all files in the specific directory will be listed. You can choose the Grid view or List View.



In the DUO-LINK 4 app, view and manage files stored on both the DUO-LINK OTG Flash drive and iOS device. The icon highlighted in orange at the bottom of the screen identifies the location of the files shown on the screen.

- Tap the contoview and manage files on the DUO-LINK 4 drive.
- Tap 🖞 DUO-LINK4 icon to view and manage files on the iOS drive.

UUO-LINK 4	iPhone	Viewing files stored on the DUO-LINK OTG Flash Drive
DUO-LINK 4	iPhone	Viewing files stored in iOS device

List View

5.2 Select Files to Copy, Move, Share or Rename

Select files, tap the 🗹 icon in the top right section of the screen.



You can choose to select all files in the directory or specific files for copying or moving files.

To <u>select ALL</u> files in the directory, select the $\[mute]$ icon on the left hand section of the screen. To unselect ALL files, select the $\[mute]$ icon on top left section of the screen again.



<u>To select specific files or folders</u>, select the white circle next to the individual file or folder. Repeat this action for each file or folder that you want to select. To unselect a file or folder, tap the orange circle and it will change to a white circle.



After files have been selected, you can choose to copy (see section 5.2), move (section 5.3), share (section 5.6) or rename (section 5.7) the selected files. When renaming a file, you can select only one file at a time.

While in the File/Folder, you can select the **†** to go directly to the home screen.

5.3 Copy Files

Select the files and folders to be copied (see instructions in 5.2). Copy the selected files

and folders by selecting the icon in the lower left section of the screen.





Choose the location to place the file copies.

- Select "<u>iOS storage</u>" to save the files on the iOS drive (i.e. iPhone or iPad).
- Select "Drive storage" to save the files on the DUO-LINK OTG flash drive.



Choose the specific location where the file should be pasted.

- For "Drive storage" you can choose to place the file copy 1) on the flash drive,
 2) in an existing folder on the flash drive, or 3) create a new folder to store the file copy. A new folder can be created by tapping "Create a folder" in the lower left section of the screen.
- For "iOS storage", you can choose to place the file copy 1) on the iOS device or 2) in an existing folder on the iOS device.

Select "Paste' in the bottom right section of the screen.



The transfer screen will show then the file transfer has been completed. See section 5.5 for more details about the file transfer status.



5.4 Move Files

Select the files to be moved (See instructions at 5.2). Move the selected files by tapping

the $\frac{a}{M_{OFF}}$ icon in the lower right section of the screen.





Select "Move to" button. Choose the specific location where the file should be pasted.

- For "<u>Drive storage</u>" you can choose to place the file copy 1) on the flash drive,
 2) in an existing folder on the flash drive, or 3) create a new folder to store the file copy. A new folder can be created by tapping "Create a folder" in the lower left section of the screen.
- For "<u>iOS storage</u>", you can choose to place the file copy 1) on the iOS device or 2) in an existing folder on the iOS device.

Select "Paste' in the bottom right section of the screen.

vice ᅙ	2:57 PM	* 🚥	••••• Sprint 🗢	11:39 AM		••ooo Sprint 🗢	11:39 AM	1	
7	Photos	Cancel	\ll	iOS Storage \land	Cancel	\ll	Driveorage 🗸		
 (E	^	(iOS Storage					
	Work 2016/10/25 12:01:42			Drive Storage					
0	Beach.jpg 1.5MB 2016/06/27 14:39:22								
	Bicycle.jpg 1.5MB 2016/06/27 14:13:20								
	City.jpg 2.2MB 2016/06/27 14:40:34								
	Family.jpg 1.8MB 2016/06/27 14:13:02								
_	Diver ing Move to								
	Rename								
	Cancel					Create a fo	der		1
Copy to	Delete Share	Moro							

5.5 File Transfer Status

When you "paste" files that were copied or moved, a transfer screen will appear and provide a status of the selected files.

5.5.1 "Transferring" Status

The "Transferring" window will show the files in the progress of being transferred. Tap the X on the right of the file to cancel the file transfer in progress.

•0000	Verizon 🗢	2:18 PM	1		
\ll					
Trar	nsfering	Transfer Com	plete	Transfer Fa	iled
	Concert.N	NOV			
T		33.7MB	2016- (6-30	×

5.5.2 "Transfer Complete" Status

Tap "Transfer Complete" in the middle section of the screen to view the record(s) of the completed file transfers.

●●○○○ Verizon 🗢	10:03 AM	-
\ll	Transfer	Ŵ
Transfering	Transfer Complete	Transfer Failed
Sunset.jpg	9	

The records of the transfers can be deleted by tapping the trash can icon () in the top right section of the screen. <u>Note</u>: Tapping the will <u>delete the records</u> of the transfers completed. It does not delete the actual files.

••000 Ve	rizon LTE	4:02	PM		
Trans	fering	Transfer (Complete	Transfer F	ailed
	Sunset.jpg]			
s.					
-	Are you	sure you these re	u want to ecords?	delete	
	Can	cel	Oł	(

5.5.3 "Transfer Failed" Status

The "Transfer Failed" window will show files that did not successfully transfer. Typically, a file transfers fails because the file format is not supported or the file size is too large for the destination folder. See section 6.9 for the list of file formats supported by DUO-LINK 4.

5.6 Share Files

Select the files to be shared (see instructions in 5.2). Share the selected files by selecting the $\frac{1}{2}$ icon at the bottom middle section of the screen.



Apple's built-in sharing tools will appear.



5.7 Rename Files

Select the file to be renamed (see instructions in 5.2). Only one file can be renamed at a time. Rename the selected file by tapping the discrete icon in the lower right section of the screen. Select "Rename.



No Service 🗢	5:48 PM	* 📼						
\square	Photos	Cancel						
Rename File Name length is 1~200 bits, and cannot contain the following characters\/:*? "<>								
River		©						
Can	cel (ж						
2.	2MB 2016/06/27 14:40):34						
O B	icycle.jpg 5MB 2016/06/27 14:13	:20						
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aso	d f g h	jkl						
☆ Z >	x c v b r	n m 🗵						
123 😂 🖳) space	return						

5.8 Sort Files

Tap the ≡ or or the left side of the screen and the sort options will appear. Sort by time, name or file type.



5.9 File Types Supported by DUO-LINK4

iOS Default Supported Format List										
Video	Audio	Picture	Docunent							
M4V/MP4/MOV	M4A CAF AIFF ASF AAC,mp3, wav	TIFF, JPEG,JPG,PNG,GIF,BMP	DOC+ DOCX+ PAGES+ RTF+ TXT+ PPT,PPTX,PDF,XLS,XLSX,NUMBERS,KEY,HTML							

Movie, video, and audio files that are DRM-protected cannot be played on the drive.

6. PHOTO & VIDEO PLAY

6.1 Browse Photos

Tap the Photo Directory icon (🖂) on the home screen to access the Photo Directory. Tap a photo file and it will switch to the picture browsing mode. While in the photo browsing mode, swipe right to continue browsing other photos. Swipe left to go back to photos previously viewed.

The menu at the bottom contains buttons to play/pause, play background music, save a photo to the device and share a photo.

Delete photos by tapping the (1) icon in the top right section of the screen.



6.2. Play Video

Tap the Video Directory icon (E) on the home screen to access the Video Directory. Tap a video file and it will switch to the video playback mode. Slide the progress bar from left to right to adjust the broadcast pace. Listed below, the menu contains buttons to change screen orientation, "play/pause" video, rewind video and fast-forward video,

Swipe the menu to access controls to adjust the brightness or the video of the video.



The player supports the following file formats: M4V, MP4 and MOV. If a file format is not noted above, tap "Use third-party player" to open the video. Use VLC, Good player, OPlayer or OPlayer Lite.

Movie and video files that are DRM-protected cannot be played on the drive.



7. MUSIC PLAY

Access files in the Music Directory or File/Folder Directory. Tap a music file to access the music playback mode. The menu is at the bottom of the screen. The following actions can be taken in the music playback mode.

$\uparrow\uparrow$	K			
Shuffle music order	Go back to the	Play or Pause	Go to the next	Share the file
Repeat song(s)	last music file		music file	

Adjust the playing progress by dragging the progress bar.

无 SIM 卡 🗢	21:33	67%
-1-1	Just for Today 常 速.mp3	\triangleleft
1	1-1 Just for Today 常	l
Ο	Unknown album	
1	Unknown artist	
:=		
		01:58
		-1-
\rightarrow (*	ש ש ע	

Audio files that are DRM-protected cannot be played on the drive.

8. USE CAMERA WHILE IN DUO-LINK APP

8.1 Shoot Photos

Tap camera icon (**o**) in the home menu, and the photo/video play mode will appear.

••ooo Sprint 🗢	3:35 PM	
	DUO-LINK 4	4 O
Photos	Videos	J Music
Backup	File/Folder	Camera
iOS Sto Used:8	rage .57GB	Available:46.99GB
Drive S Used:3	torage 29.3MB	Available:14.66GB

Tap the white round button at the bottom of the screen to shoot the photo.



After you shoot the photo, the photo will be saved automatically to "Camera" folder in the File/Folder Directory.



8.2. Shoot Video

Tap camera icon (**o**) in the home menu, and the photo/video showing mode will appear. Swipe the screen to the right to enter the video shooting mode.



After you shoot the video, the video clip will be saved automatically in the "Video" folder in the File/Folder Directory



9. BACKUP DIRECTORY

Select the backup icon (() in the home menu. There are phone backup and contacts backup.

●●○○○ Sprint 🗢	3:46 PM DUO-LINK 4	0
\sim		19
Photos	Videos	Music
	1 🛌	
$\mathbf{\Theta}$		0
Backup	File/Folder	Camera
iOS Stor	age	
Used:8.	58GB	Available:46.97GB
Used:32	orage 29.3MB	Available:14.66GB

9.1 Phone backup

The phone backup will back up photos and video files.



Tap the "Start backup" button and the backup process will begin. You can tap "Cancel backup" button to stop and cancel the backup process.



When the backup is completed successfully, a prompt will appear indicating that the files have been backed up.



The backed up files will be stored in the "Backup" folder in the File/Folder Directory. Access the Backup folder by tapping the File/Folder Directory icon () on the home menu. Tap the Backup folder.



9.2 Contacts Backup

Tap the backup icon (()) to access the Backup Directory.



Tap "Start Backup" button to begin contact process, and then the contacts on your iPhone will be saved on the DUO-LINK OTG drive. When the backup is completed successfully, a message appears and indicates that the files have been backed up.

••••• Sprint 🗢	3:47 PM Contacts Backup	•)	••••• Sprint 🗢	2:46 PM Contacts Backup
	Start Backup				Start Backup
	Restore Backup				Restore Backup
	\gg	<u> </u>			>>>>
	50%				100%
DUO-LINK	4 will backup contac	cts from		DU(Backup successful
the iPhone	e "Contacts" app.			the	ок
			-		

om

The backed up files will be stored in the "Backup" folder in the File/Folder Directory. Access the Backup folder by tapping the File/Folder Directory icon (**b**) on the home menu. Tap the Backup folder.



9.3 Restore Phone Contents and Contacts backed up

Tap the backup icon () in the home menu to access the Backup Directory.

Tap "contact backup" to restore contacts. Tap "Restore backup". Select the backup record that you would like to restore. The example below shows one record, 2016061816372.vcf. Multiple records could appear depending on the number backups made.

••••• Sprint 🗢	4:11 PM		
\ll			
	Start Backup		
	Restore Backup		
	~~~	Ū.	
	0%		
DUO-LINK 4 will backup contacts from the iPhone "Contacts" app.			
2	0160714155305.vcf		
Cancel			

# **10. SETTINGS**

Access the Settings Directory by tapping the ^O icon in the top right section in the home menu. The information noted in the image below can be accessed in the Settings Direction.



# 10.1 Cache

The cache acts as a temporary storage space for App. You can set the limit of data to be saved in the cache before it automatically clears. Choose 512M, 1G or 2G by tapping the white circle, and an orange circle will appear.

Select "Clear Cache" button to clear data in the cache and free up space on the iOS device.

••ooo Verizon 🗢	10:33 AM	
$\ll$	Cache	
Adjust Cache Size		
512M		
1G		0
2G		0
Clear C	Cache(647.1MB)	

## 10.2 Language settings

Set the default language of the DUO-LINK 4 app. This setting does not affect the language on the iPhone or iPad.



# 10.3 Third Party Settings

Set the third party media player to be used while in the DUO-LINK 4 app, or disable the third party player setting.

••••• Sprint 🗢 3:50 PM	
C Third-party Player Se	ttings
Default Third-party Player Sett	ings 🚺
VLC	$\checkmark$
OPlayer	
GoodPlayer	
OPlayer Lite	
AcePlayer	

### 10.4 Format

Tap "Format" button on the settings menu to format the DUO-LINK OTG Flash drive. A message will appear to confirm that you want to format the drive. Tap the "Format" button to format the drive. <u>WARNING</u>: Formatting the OTG flash drive will erase all data on the flash drive.



The following message will appear, **"WARNING: Formatting will erase all of the data on the flash drive. Please confirm that you want to format the drive"**. Tap "OK" to confirm that you want to format the drive.



# **10.5 ABOUT**

Access "About" to learn about the PNY DUO-LINK 4 firmware and app version information, and visit the PNY.com website.

•••••• Verizon 🗢	10:40 AM 🔹 👘	
	he-go USB Flash Drive	
Company:	PNY Technologies, Inc.	
Firmware:		
Version:	1.0.34	
Vis	Visit Official Website	

### 10.6 Contact Us

E-Mail Technical Support: tsupport@pny.com (USA)

Phone Technical Support: 1 (800) 234-4597 (USA)

Website: www.PNY.com