Goth		[out] numb	drivern.
DelDrive		name of zy	of ZXD .
Descriptiver	200	-	Printer Printer
Synt= Ption:	ame		assigned b
a cax:	Retrien		- 2
	void c the		
	GetDrive	printer nam	
Param		=rName ( fro	om the
auneters:		string	printer dring
	deviceName	out string	devi
Returne.	driverNa	lin Isoni	driveeName,
	none	[out] numb	er of mume )
0		name of ZX	P Printer
Get.lohCa.			finter assigned h
Decento	Intinfo		
Seacription:	Returns		
Syntax:	short a	sted information	
	Short GetJob	CountInfo(	regarding a printer'
		out int johan	
		out intichelati	ing,
		out intiched	•
		Out intjobscompl	ete,
		out int jobError	s,
		out int jobsTota	1)
Parameters:	jobsPending	[out]number of p	ending jobs
	jobsActive	[out]number of a	ctive jobs
	iobsComplete	[out]number of c	ompleted job
		[out]number of j	obs with errors
	JOBELLOLD	[out]total numbe	r of jobs
	JobsTotal	Appendix A)	
n - tranne :	error code (	Sec TFF	
Returns.			
			s jobs.
Cot lobLIS		st of the Princes	jobList )
Gelou	Returns a Tabl	ist ( out object	v containing builtorm
Description.	short Getuop	[out]string all	ng item will be
comtax:	iobList	jobs each strain	d, status"
Syn meters:	J02=	wactionID, uur	
Paramete		Appendix A)	
	code (	see APP	
	error de		
torns:			2220
Returns		's status.	actionID, status,
- hSta		atatus (	printingsta
Cot Opsia	Return GetJob	int ind	arrorCode, leted,
Gention:	short be	att string	copiesCompested,
Descrip		out int	COPiesReque
tax:		out int	magStatus,
SYN		out int	antactstatus
		out string	antactie
		out	00
		out string	
		ett	

# **ZXP Series 1 and ZXP Series 3**

atus.

Ubuntu Driver User's Manual



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# Contents

1 • Getting Started
Introduction
Overview
Prerequisite
Installation Procedure
Extracting files using GUI 4
Installation Wizard 4
Prerequisite
Installing Ethernet ZXPS3 Driver
Extracting files using Terminal 9
Uninstall
2 • Setun 13
Printing Preferences 13
Device Settings 14
Card Setup 17
Encoding 19
About 20
Printer Properties 21
3 • Magnetic Encoding
Introduction
Magnetic Encoding Using Printer Properties
Prerequisite
Magnetic Encoding Using Libre Office
4 • Worldwide Support



# **Getting Started**

# Introduction

The document provides information on installation of ZXP Series 1 and ZXP Series 3 Printer on Ubuntu 32-bit and 64-bit operating systems.

# **Overview**

The Zebra ZXP Series 1 and ZXP Series 3 printer driver for Linux can support color printing, dual side printing, magnetic encoding, error scenarios, and provides information about the printer and ribbon details. It can also provide direct communication with the printer through the **Printer Properties** page and **Tools** dialog.

## **Prerequisite**

The Zebra ZXP Series 1 and ZXP Series 3 printer driver for Linux supports, and has been tested on, the following distributions of Linux:

- Ubuntu 12.04 32 bit
- Ubuntu 12.04 64 bit

# **Extracting files using GUI**

To install this Zebra ZXP Series 3 Printer Driver 0.0.0.xx for Linux by means of GUI, the user needs to be a root user.

- Click on the Zebra ZXP3 Series Card Printer Driver-0.0.0.xx-Linux-x86-Install.tar archive file to untar the setup for installation of the driver to a desired directory location. [In the Firefox web browser the setup will be downloaded inside the download. Right click on *Open Containing folder;* Right click on *Open with Archive Manager*; Right click on *Extract* or click *Extract;* select the desired location; click *Extract*]
- Switch to the directory location where the setup has been un-tared and double click on the binary to install the driver.

# **Installation Wizard**

#### Prerequisite

The installation can be performed only in Administrator mode. Type the Administrator password when prompted.

- Double click on the un-tared binary to initiate the installation of the driver.
- To install the driver, click *Yes* in the screen displayed after the user double clicks the driver setup. On clicking Yes, the Zebra Printer Driver Setup Wizard License Agreement page appears. Click *No* on the same screen to cancel the installation.



- In the license agreement screen there are two radio buttons which are not selected by default. To proceed with installation, click on the radio button next to "I accept the terms of the license agreement."
- Click Next.

🙁 😑 Zebra ZXP Series 3 Card Printer Driver Setup
License Agreement
Please read the following license agreement carefully.
END USER LICENSE AGREEMENT
Please read the terms of this "End User License Agreement" (the "Agreement") carefully. The Agreement is a legal agreement between you (either an individual or a single entitu) and Zebra Technologies International, LLC ("Zebra") for the Zebra computer software and/or firmware accompanying this End User License Agreement, and any associated media, printed materials and any "online" or electronic documentation (collectively, "Software"). By installing or using the Software, you agree to be bound by the terms of this Agreement. If you do not agree to the terms of this Agreement, you may not install or use the Software.
<ol> <li>Grant of License. The Software is protected by copyright and other intellectual property laws and international treaties. The Software is licensed to you, and not sold, subject to the</li> </ol>
○ I accept the terms of the license agreement. ○ I do not accept the terms of the license agreement.
InstallJammer
<pre></pre>

• In the Zebra Printer Welcome Page, click *Next* to continue with the installation, click *Cancel* to cancel the installation.

😣 🖨 Zebra ZXP Series 3 Card Printer Driver Setup		
	Welcome to the InstallJammer Wizard for Zebra ZXP Series 3 Card Printer Driver	
	This will install Zebra ZXP Series 3 Card Printer Driver version 0.0.0.7 on your computer.	
<u> </u>	It is recommended that you close all other applications before continuing.	
and the second second	Click Next to continue or Cancel to exit Setup.	
	\$	
	Next > Cancel	

• The printer can be connected to the PC via a USB interface, or through Ethernet.

😣 🔵 Zebra ZXP Series 3 Card Printer Driv	ver Setup
Setup Type Select the setup type that best suits your	r needs.
Click the type of Setup you prefer.	cription
Ethernet Ir Dr	nstalls USB Printer river Componets
InstallJammer	
Sack Sack	Next Cancel

### Installing the USB ZXP Series Printer

Select USB click Next.

**Note** • Do not plug in the USB Printer before the Installation is complete.

The following screen will display the installation progress. After the installation is complete click *Next*.

😣 🖨 Zebra ZXP Series 3 Card Printer Driver Setup
Start Copying Files
Keview Seccings before copying files
Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.
Install Directory: /usr/local/ZebraZXP3Driver
Setup Type: USB
=
InstallJammer
<pre> Kack Next &gt; Cancel</pre>

The files will be copied in to the appropriate directories.

- /usr/lib/cups/filter/rastertozxp3
- /usr/lib/cups/filter/pstozxp3ps
- /usr/lib/cups/backend/zxp3usb
- /usr/local/ZebraZXP3Driver/

😣 😑 Zebra ZXP Series 3 Card Printer Driver Setup
Installing
Installing Zebra ZXP Series 3 Card Printer Driver
Please wait while Setup installs Zebra ZXP Series 3 Card Printer Driver on your computer.
Building uninstall
InstallJammer
< Back Net Cancel

The final page shows that the driver has been installed successfully.



Click *Finish* to complete the installation and exit the Installer.

# Installing Ethernet ZXPS3 Driver

Select Ethernet in the Setup type screen and click Next.

😣 😑 Zebra ZXP Series 3 Card Printer Driver Setup
Setup Type Select the setup type that best suits your needs.
Click the type of Setup you prefer. USB Ethernet Components. InstallJammer
< Back Next > Cancel

The next window will display the IP addresses of the connected ZXPS3 card printers.

😣 😑 Zebra ZXP Series 3 Car	Printer Driver Setup	
Please select available printer	s or provide IP Address	N
192,168,100,12		
' InstallJammer		
	<pre>K Back Next &gt; Cance</pre>	el

Select the IP address to add the printer.

The files will be copied in to the appropriate directories.

- /usr/lib/cups/filter/rastertozxp3
- /usr/lib/cups/filter/pstozxp3ps
- /usr/lib/cups/backend/zxp3socket
- /usr/local/ZebraZXP3Driver/

🙁 😑 Zebra ZXP Series 3 Card Printer Driver Setup
Installing Installing Zebra ZXP Series 3 Card Printer Driver
Please wait while Setup installs Zebra ZXP Series 3 Card Printer Driver on your computer.
Building uninstall
K Back Nekt C Lancel

The final page shows that the driver has been installed successfully.



Click *Finish* to complete the installation and exit the Installer.

# **Extracting files using Terminal**

Click on the Ubuntu Wubi (marked in red in the image below. Type *Terminal* and click on the Terminal icon on the dashboard to launch Terminal.



Change the Directory to where the Zebra Linux Driver tar file is located: (Zebra\_ZXP3\_Series\_Printer\_Driver-0.0.0.xx-Linux-xxxx-Install.tar). Un-tar the Binary file using the following command: tar -xvf Zebra\_ZXP3\_Series\_Printer\_Driver-0.0.0.xx-Linux-xxxx-Install.tar This will extract the files under the folder Zebra\_ZXP3\_Series\_Printer\_Driver. Run the Installation inside the extracted directory using the following command: sudo ./Zebra\_ZXP3\_Series\_Printer\_Driver-0.0.0.xx-Linux-xxxx-Install.tar Install Proceed with the installation using the setup wizard.

## Uninstall

To Remove the Zebra ZXP Series 3 Printer Application:

- Open the Terminal and change the Directory to cd /usr/local/ZebraZXP3Driver
- If you are not a super user, switch user to 'root' (su)
- Type the root password
- Run the uninstall binary (/uninstall)

To Remove the Zebra Series 3 Printer Driver from the Applications Menu.:

- Click on "Uninstall Zebra ZXP Series 3 Card Printer Driver" Link
- Type the root password
- Uninstall wizard opens

80	Uninstall Zebra ZXP Series 3 Card Printer Driver
	This will completely remove Zebra ZXP Series 3 Card Printer Driver from your system. Are you sure you want to do this?
	Yes No

To uninstall the driver, click Yes. The Printer will be deleted from the system.

😣 😑 Zebra ZXP Series 3 Card Printer Driver Setup
Uninstalling Uninstalling Zebra ZXP Series 3 Card Printer Driver
Removing
Preparing to uninstall
InstallJammer
Next > Cancel



# Setup

2

**Note** • The following instruction are for the USB interface. If you are using the Ethernet interface, the corresponding screens will refer to the Network Printer.

# **Printing Preferences**

Click on the Ubuntu Wubi icon (marked in red in the image below). Type *Zebra* and click on the Zebra ZXP Series 3 Printer Driver Preferences icon on the dashboard to launch the printer preferences.



The Printer Properties application will launch and display all the available installed printers. Select the printer and click *Select* to open the Printer Preferences. Property pages of Zebra ZXP Series 3 printer can be viewed and the settings can be adjusted.

😣 Available Zebra ZXP Series 3 Card Printers	
Select Printer	
Printer Name	Printer Status
Zebra-ZXPS3-USB-Printer-Serial=Z3105100567	7 Idle
Select	fresh Cancel

### **Device Settings**

Displays printer information of a general nature. It includes the selection for 'Save/Restore' and 'Tools'.

Zebra Z)	(P Series 3	Card Print	ег Ргор	erties
Device Settings	Card Setup	Encoding	About	
Device Informa	tion			
Model:	Zebra ZX	P Series 3		
Fw Version:	ZXP32AM	/IOC V01.04.	00	
Serial Number:	Z310510	0567		
Ribbon Type:	KdO HS	500		
Head Resistance	:: 3034			
Mag Encoder:	Yes			
Panels Printed:	10170			
Remaining Cour	nt: 411			
Smart Card:	PS/SC Co	ontact encod	er + Con	tactless Mifare
Zebra			ß	ave/Restore Tools
		ОК	Cancel	Apply Help

The Device Information includes:

- Model: Displays the Model number of the printer that has been connected.
- **Firmware Version:** Displays that current Firmware version that is available on the installed printer.
- Serial Number: Displays the Serial Number of the printer that is connected,
- **Ribbon Type:** Displays the type of ribbon that has been installed in the system.
- **Head Resistance**: Displays the value of print head resistance value of the printer that is connected.
- Mag Encoder: Displays is the Magnetic Encoder is installed printer.
- Panels Printed: Displays the total number of panels printed for the lifetime of the printer.
- **Remaining Count**: Displays the remaining card count for the ribbon installed. For monochrome ribbons, this will display 'Unknown'.
- Smart Card: Displays if the Smart Card Encoder is installed.

#### Save/Restore

Click on the Save/Restore button to save your printer and/or driver settings. You can later restore those saved settings. These settings can be saved in the user selected locations.

8 Save/Restore				
Save				
Printer Settings Save				
Driver Settings Save				
The default location where the configuration files are saved is /home/zebra				
Restore				
Printer Settings Restore				
Driver Settings Restore				
Saved/Restored Settings				
<pre><?xml version = "1.0" encoding = "UTF-8"?><settings><printerconfig><offset><fron t_x_offset="">0 <front_y_offset>16</front_y_offset><bac k_x_offset="">0 <back_y_offset>16</back_y_offset><singlefeed>Single feeder slot</singlefeed></bac></fron></offset></printerconfig><printerinfo><serial_no> Z32103300109</serial_no></printerinfo></settings></pre>				
Close				

To Save Settings, click on the appropriate save button (Printer Settings or Driver Settings). Specify a location to save the file, enter file name and click *Save*.

To Restore Settings, click on the appropriate Restore button (Printer Settings or Driver Settings). Select the desired file, and click *Open*.

#### Tools

Click on the Tools button to test and communicate with the printer.

	Torinter	Execu
Printer Status:		
Print Test Card		Cleaning
Standard	‡ Print	Printer Only
Offset Setting		
Front X: 0	Front Y:	16 Set Offse
Back X: 0	Back Y:	16
Selected Firmw	d are File Details pes:	Check Sum:
Status:		Start Firmware Downlo
Send File		
		Select Fil
PRN File	O Text Fi	le Send Fil

- In the **Command to Send to Printer** box, enter a printer command (without leading escape character) in the top edit box, and click *Execute* to send the command directly to the printer.
- **Print Test Cards:** Three test card types are available: Standard, Printer Parameters, and Encoder Parameters. Click on the Print button to print the test card.
- **Clean:** Click on the clean button to clean the printer's print head, cleaning rollers, and feeder rollers.
- **Offset Setting:** Enter the Front and Back X and Y direction offsets, and click on the Set Offsets button to apply the offsets for printing the card.
- **Firmware Download:** The Firmware Download dialog box is used to install the firmware downloaded from the Zebra. Click *Select File* and select the firmware file (BIN) from the Browse window. Click *Open* and select *Start Firmware Download* to install the firmware

- Send File: This command will allow a .prn (PRN file needs to be created for the ribbon type that is being used for printing)
- The .txt file option is disabled and not supported.

**Note** • The .prn file must be created with a Zebra printer driver using the same ribbon as present in the printer.

#### **Card Setup**

Card Setup tab allows the user to adjust selected card and print job parameters. This feature is not enabled if the printer does not have the magnetic encoder option which can be found in the Device Settings dialog.

Zebra ZXP Series 3 Card P	rinter Properties
Device Settings Card Setup Encod	ing About
Printing options	
Orientation Landscape 🛟 Pr	rint on both side Yes 📫
Rotate 180 None 🌲 M	Ionochrome conversion Diffusion 📫
Printing Mode Print	Copies 1
Auto color intensity setting On	*
Single Feed options	
Current status Auto feed	Apply
Ribbon info and options	
Ribbon type	Ribbon combination
KDO HS 500	None 🔹
Front K Panel Options Back K Panel Options	Front Overlay Varnish Back Overlay Varnish
V Zobra	Job Log Restore Defaults

- Printing options
  - Orientation: Selection for portrait or landscape printing.
  - Print on both sides: Selection for single-sided or dual-sided printing.
  - Rotate 180°: Selection for rotating the image 180°.
  - Monochrome Conversion: Specifies the method of monochrome conversion used in printing. Different selections have different effects on the way the image is printed.
    - Diffusion
    - Halftone Regular
    - Barcode



- Text Mode
- Printing Mode: Sets the type of printing required are:
  - Print
  - Encode only (Use this when magnetic encoding is the only function desired, printing will not occur).
  - Print and Encode on same side.
- Copies: Sets the number of copies of cards printed
- Auto Color Intensity Setting: Turns On or Off the Auto Color Intensity Setting.
- Single Feed options:
  - Current Status displays the current card feed method; choices are Card feeder, Single feeder slot, and Auto feed.
- Ribbon Info and Options
  - Ribbon type: It displays the type of ribbon that is installed in the printer.
  - Ribbon combinations: Are based on ribbon type; for example:
    - YMCKOK
      - YMCKO on Front, K on Back.
      - YMCKO on Front, YMCKO on Back
    - YMCKO
      - YMCKO on Front, YMCKO on Back.
      - YMCO on Front, K on Back

The Restore Defaults button to reset the settings to the original values.

#### Job Log

The Job Log is a utility that builds a database of card transactions in the printer's host computer. The Job Log records the data encoded on the card's magnetic stripe, together with date, time, and the printer's serial number.

😣 Job Log		
<ul> <li>Enable Logging</li> <li>Log File Definitions</li> <li>Create New File Ea</li> </ul>	ach day	\$
File Name Separator	Delete Log	Files
Log File Contents Time IP address Magnetic Track1 Data Static Text	Date User name Magnetic Track2 D	<ul> <li>Printer serial number</li> <li>Spooler job number</li> <li>ata Magnetic Track3 Data</li> </ul>
Various log files will be	e stored at : /home/z	zebra/ZXP3Log/

- Enable Logging: If this box is checked, the logging feature is enabled.
- Log File Definition Choose one of the following options:
  - If the "Create new log file each day" box is unchecked, the data is saved to a log file of your choice (Filename).
  - If the box is checked, the data is saved to log file ZXPLog with the day's date.
  - In addition to the Filename, you may wish to enter a special field Separator Character. The default field Separator Character is "|".
- Log File Contents The Log File Contents group selects the data to be logged in the file you specified above. The data will be logged in the order displayed on the screen, each field being separated by the character specified in the Log file Definition, Separator.

The Log File Contents selections include:

- Time: Logs the time which the card was sent to the printer in the HH:MM:SS format. The 24-hour clock is used, so 13:00:00 = 1:00 pm, and 05:00:00 = 5:00 am.
- Date: Logs the date the card was sent to the printer in the MM/DD/YYYY format.
- Printer serial number: Logs the serial number of the printer that printed the card.
- IP address: Logs the IP address of the PC that sent the card to the printer.
- User name: Logs the username of the person submitting the card print job.

- Spooler job number: Logs the number which the card print job was assigned in the Windows int spooler.
- Magnetic Track 1, 2, 3 Data: Logs the data sent to the printer to be encoded on the card's magnetic stripe.
- Static text: Adds to the record text in the box at right, 16 characters maximum.

**Note** • The various log files are stored at /home/<user name>/ZXP3log. The Delete log files button deletes the log files. The Save Job Log Settings button saves the Job Log settings.

#### Encoding

Encoding - It is used to adjust and to set Magnetic Encoder parameters. See Magnetic Encoding on page 25 for more information.

😣 🔵 🛛 Zebra Z	XP Series 3	Card Print	er Prope	rties	
Device Settings	Card Setup	Encoding	About		
👿 Enable Mac	ro Processing				
Start of \$	\$	The start of immediate representin written. Sample	f data chara ly followed lg the track	acter must be by one-digit number where the data will be	3
Advanced Setti	ings	~C0&B 1 ~12222 <start_of< td=""><td>2222 _data&gt;1222</td><td>22<end_of_data></end_of_data></td><td></td></start_of<>	2222 _data>1222	22 <end_of_data></end_of_data>	
HiCo/LoCo		Encoder Posi	tion	Encoder Type	
O High Coerc	ivity	Reversed		ISO/JIS	
<ul> <li>Low Coerci</li> <li>No Change</li> </ul>	vity 🧃	) Normal		<ul> <li>JIS2</li> <li>AAMVA</li> </ul>	
Direct Encodir	ıg				
Track1					
Track2					
Track3					
		Encode	e R	ead Eject	)
W Zobra				Restore Defaults	)
		OK	Cancel	Apply Help	

#### About

The About tab specifies the Printer Model, Driver Version, and the Zebra Technologies Corporation Copyright.





# **Printer Properties**

Click on the Ubuntu Wubi icon (marked in red in the image below). Type *Printing* and click on the Printing icon on the dashboard to launch the printer properties.



The Printer Properties will list all the available printers.

Printer Properties - 'Zebra-ZXPS3-USB-Printer-Serial=Z3105100567' or						
Settings Policies Access Control Printer Options Job Options Ink/Toner Levels	Settings Description: Location: Device URI: Make and Model: Printer State: Tests and Mainten Print Test Page	Zebra-ZXPS3-USB-Printe zxp3usb://ZEBRA%20C ZXPS3 Idle ance	Change			
		Apply Cancel	ОК			





3

# **Magnetic Encoding**

# Introduction

The purpose of this document is to describe how to do the magnetic encoding with Zebra ZXP Series 3 printer driver for Linux, using Libre Office and Printer Properties, in detail. The document provides information on magnetic encoding with ZXP Series 3 Printer on 32-bit and 64-bit Linux operating system tested on Ubuntu 12.04 environment.

# **Magnetic Encoding Using Printer Properties**

#### Prerequisite

Download the latest Zebra ZXPS 3 Linux Driver Release Version driver from the FTP and then install the driver in USB/Ethernet mode. [Verify Installation Manual for Installation steps].

Click on the Ubuntu Wubi icon (marked in red in the image below). Type *Zebra* and click on the Zebra ZXP Series 3 Printer Driver Preferences icon on the dashboard to launch the printer preferences.



The Printer Properties application will launch and display all the available installed printers. Select the printer and click *Select* to open the Printer Preferences. Property pages of Zebra ZXP Series 3 printer can be viewed and the settings can be adjusted.

😣 Available Zebra ZXP Series 3 Card Printers	
Select Printer	
Printer Name	Printer Status
Zebra-ZXPS3-USB-Printer-Serial=Z3105100567	Idle
Select Refr	resh Cancel

Click on the **Encoding Tab** to navigate to the Magnetic Encoding page in the Printing Preferences dialog.

😕 🔵 Zebra ZXP Series 3	Card Printer Prop	erties		
Device Settings Card Setup	Encoding About			
Section 2015 Enable Macro Processing				
Start of \${ The start of data character must be immediately followed by one-digit number representing the track where the data will be written.				
Advanced Settings Advanced Settings Advanc				
HiCo/LoCo	Encoder Position	Encoder Type		
O High Coercivity	Reversed	ISO/JIS		
<ul> <li>Low Coercivity</li> </ul>	Normal	◯ JIS2		
No Change	No Change     AAMVA			
Direct Encoding				
Track1				
Track2				
Track3				
	Encode	Read Eject		
		Restore Defaults		
(	OK Cancel	Apply Help		

- **Enable macro processing**: This option is used to set the encoding preamble and other magnetic encoder parameters.
  - **Start of Data**: Beginning of the data string for the encoder. Note that Start of Data characters must be immediately followed by a one-digit number representing desired track where the data will be written. Use the normal Windows default fonts.
  - End of Data: Ending of the data string for the encoder.
  - HiCo/LoCo: Select the type of coercivity of magnetic stripe cards to be used.
  - **Direct Encoding**: For writing data and reading encoded data.
    - To read encoded data: Click on the checkboxes to select Track 1, Track 2, and/or Track 3; click on the Read button, and validate the data read.
    - To write data: Click on the checkboxes to select Track 1, Track 2, and/or Track 3; enter the data to be written; and click on the Encode button.
    - To eject the card: Click on the Eject Card button to eject the card.
    - The Restore Defaults button to reset the settings to the original values.
  - Advanced Settings: Advanced Settings provides advanced configuration capabilities and tools to manage magnetic encoder operation. This option is primarily used for Non-ISO encoding.

**Note** • Track 1 will accept only 76 characters (uppercase, numbers and special characters (" \$,^,(,),space,., ',/, ")). Track 2 will accept only 37 characters (numbers and " = " sign). Track 3 will accept only 104 characters (numbers and " = " sign).

### **Direct Encoding**

For writing data and reading encoded data.

- **To Read Encoded Data**: Click on the checkboxes to select Track 1, Track 2, and/or Track 3; click on the Read button, and validate the data read.
- **To Write Data**: Click on the checkboxes to select Track 1, Track 2, and/or Track 3; enter the data to be written following all the preconditions; and click on the Encode button.
- To Eject The Card: Click on the Eject Card button to eject the card.

Advanced Settings: Advanced Settings provides advanced configuration capabilities and tools to manage magnetic encoder operation. This option is primarily used for selecting advanced encoding options.

8 Advanced Settings
Track
Track1     Track2     Track3
Track Settings
Mode ISO1 ‡ Density 210bpi ‡
Start/Stop Character
Start Character: 65 Stop Character: 90
Encoding Start Position
Start Position: 7 🔓 mm
Character Parity
No Parity
LRC Parity
No Parity
Apply         Close         Help
Restore Defaults

- Track: Select the track you want to configure.
- **Track Settings**: Select the Mode (ISO1, ISO2, ISO3, 3-bit, 4-bit, 5-bit, 6-bit, or 7-bit) and Density (75bpi or 210 bpi) for the tracks.

# **Magnetic Encoding Using Open Office**

Open any existing document with magnetic encoding data or create the new document.



Click *File* and then select the print option. Select the installed Zebra ZXP Series 3 printer from the available printers list and print the document.

Print				×
	General Ope	nOffice.org Writer	Page Layout	Options
	Prin <u>t</u> er —			
5/13/8/16/16 5/13/9/16/9/3 5/13/6/ce/17/1/j3	Zebra-ZX Zebra-ZX	PS3-USB-Printe PS3-USB-Printe	r-Serial=Z. r-Serial=Z.	3J113300056 3J113300259
24105.1	Zebra-ZX Zebra-ZX	PS3-USB-Printe PS3-USB-Printe	r-Serial=Z. r-Serial=Z.	3J114500366 32103300058
	∃ <u>D</u> etails			Propertie <u>s</u>
	Range and co	opies		
	All page	15	Nu	mber of copies 1 🚔
	Pages	1-5	V	Collate
	Print		1	
	<u>C</u> omments	None (document o	only) 🔻	
1 /5				
Help			P	rint Cancel

# **Magnetic Encoding Using Libre Office**

Open any existing document with magnetic encoding data or create a new document.

Mode1-2-3 (1).doc - LibreOffice Writer						
Elle Lait View Insert Format Table Loois Window Help						
$\leftrightarrow \Rightarrow$ Default	✓ Times New Roman ✓ 10 ✓ ▲ ▲					
	$\boxed{\begin{array}{c} \hline \\ \hline $					
· · 2 · · · 1 · · · ·	\${1MODE1}\$ \${2123456789}\$ \${3987654321}\$ MODE 1					
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	~13434343434					
Find V 🔦						
Page 1 / 5 Default Frem	ch (France) INSRT STD	CC CC   ⊖				

Click *File* and then select *Print*. Select the installed Zebra ZXP Series 3 printer from the available printers list and click on Properties.

	General LibreOffice Writer Page Layou Prin <u>t</u> er — Zebra-ZXP3-Card-Printer-Ethernet-IP=19	ut Options 92.168.100.20
-C2B 810 120 10 1 3 150 1 HA PPY	▶ <u>D</u> etails Range and copies ————————————————————————————————————	Properties
	<u>All pages</u>	Number of copies 1
	Selection     Print in reverse page order  Print	
1 /1	<u>Comments</u> None (document only)	

In the dialog and click the **Device** tab and select *PostScript (Level from driver)* from the Printer Language type drop-down menu. Click *OK*.

Properties of Zebra-ZXP3-Card-Printer-Ethernet-IP=192.168.100.20					
Paper Device					
<u>Option</u> Card Thickness Ribbon Type Print Both Sides Split 1 Set of Ribbon Panels Print Back Image on Front of Card Print Back Side Only Rotate Front 180 Degrees Rotate Back 180 Degrees Disable Printing (Feed Card Only)	Current <u>v</u> alue				
Write Only (No erase pass) Color Matching Resin Dither Dye-Sub Intensity (YMC)	(e)				
Printer <u>L</u> anguage type	PostScript (Level from driver)				
<u>C</u> olor	from driver				
Color <u>d</u> epth	24Bit				
	OK Cancel				

In Open office the print job will use the Postscript Pre-filter but the Libre office uses the PDF Pre-filter. The PDF data is encrypted so extracting the Magnetic Encoding data from the fileis not possible. In order to do the Magnetic encoding successfully using Libre Office the above setting is required.



# **Appendix 4**

# **Worldwide Support**

For Technical Support or Repair Services, contact the appropriate facility listed below.

#### North America and Latin America - Technical Support

- T: +1 877 ASK ZEBRA (877 275 9327) +1 847 913 2259
- E: ts1@zebra.com

#### North America and Latin America - Repair Services

Before returning any equipment to Zebra Technologies Corporation for in-warranty or out-ofwarranty repair, contact Repair Services for a Repair Order (RO) number. Mark the RO number clearly on the outside of the box. Ship the equipment, freight prepaid, to the address listed below:

Zebra Technologies Repair Services 333 Corporate Woods Parkway Vernon Hills, IL 60061

webform: www.zebra.com/repair

- T: +1 877 ASK ZEBRA (877 275 9327)
- E: repair@zebra.com

Language		Phone	Email
Arabic		+971 (0)46058220	zebraCareUAE@zebra.com
Dutch		+31 (0)33 450 50 48	ZebraCareBNL@zebra.com
English (	UK)	+44 (0)1628 556 225	zebraCareUK@zebra.com
(	Sweden)	+46 (0)8 594 709 88	zebraCareUK@zebra.com
(	South Africa)	+27 (0)11 201 7712 / 0860 393272	zebracareSA@zebra.com
French		+33 (0) 1 53 48 12 74	zebraCareFR@zebra.com
German		+49 (0) 2159 676 870	zebraCareDE@zebra.com
Hebrew		+97 236 498 140	ZebraCareIL@zebra.com
Italian		+39 0 2 575 06388	ZebraCareIT@zebra.com
Polish		+48 223 801 980	zebraCarePL@zebra.com
Russian		+7 495 739 5993	ZebraCareRU@zebra.com
Spanish		+34 (0) 917 992 896	zebraCareES@zebra.com
Turkish		+90 212 314 1010	zebraCareTR@zebra.com

# Europe, Middle East, and Africa - Technical Support

#### For further assistance, contact:

Zebra Technologies Card Printer Solutions Dukes Meadow Millboard Road, Bourne End Buckinghamshire SL8 5XF, UK

- T: +44 (0) 1628 556 025
- F: +44 (0) 1628 556 001
- E: cardts@zebra.com

#### **Europe, Middle East, and Africa - Repair Services**

Before returning any equipment to Zebra Technologies Corporation for in-warranty or out-ofwarranty repair, contact your supplier for a Return Materials Authorization (RMA) number, or contact one ot the following repair centers for support and instructions:

Type of repair and location	Phone	Email
Depot Repair in Germany, Austria, Switzerland	+49 (0) 2159 676 870	zebracareDE@zebra.com
Depot Repair in France	+33 (0) 1 53 48 12 74	zebracareFR@zebra.com
Depot and On-Site Repair in UK and Ireland	+44 (0) 1628 556 225	zebracareUK@zebra.com
Depot Repair in South Africa	+27 (0) 11 201 7777	-
Depot Repair in Middle East	+971 (0) 46058220	support_dxb@emitac.ae

#### For further assistance, contact:

For assistance anywhere in the EMEA, contact After Sales Customer Services at:

- T: +44 (0) 177 2 69 3069
- E: ukrma@zebra.com

#### Asia Pacific - Technical Support

Zebra Technologies Asia Pacific Pte. Ltd. 120 Robinson Road #06-01 Parakou Building Singapore 068913

- T: +65 6858 0722
- F: +65 6885 0838
- E: tsasiapacific@zebra.com

#### Asia Pacific - Repair Services

Before returning any equipment to Zebra Technologies Corporation for in-warranty or out-of warranty repair, contact Repair Services for a Return Materials Authorization (RMA) number. Repack the equipment in the original packing material, and mark the RMA number clearly on the outside. Ship the equipment, freight prepaid, to either address listed below:

Zebra Technologies Asia Pacific Pte. Ltd. No.5 Changi North Way Level 3 Singapore 498771 Agility Building

- T: +65 6546 2670 ext 3203 and 3204
- F: +65 6546 5328
- E: APACRepair@zebra.com

#### Zebra Website

www.zebra.com

km.zebra.com (Knowledge Base)