INSTALLATION GUIDE: FLEXDESK

Installation Guide

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TECHNICAL SUPPORT

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CHANGE HISTORY

Date	Version	Description
21-04-2011	1.0	First version
12-05-2011	1.1	Added text to FCC section

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SAFETY INSTRUCTIONS & PRECAUTIONS

The following safety instructions and precautions should be observed during normal use, service and repair.

- Do not change anything regarding the prox reader or the installation procedure.

- Always switch off the power (by disconnecting the power plug) before you remove the cover.

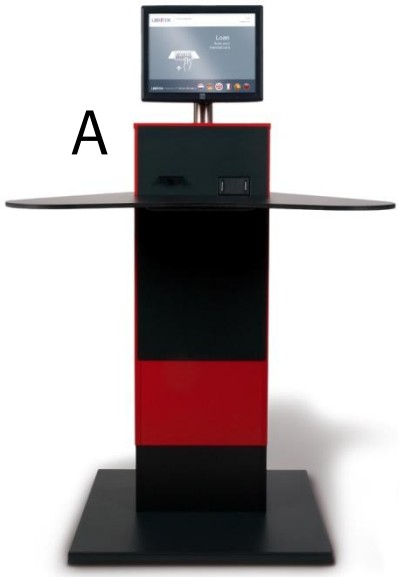
Chapter 1. Introduction

The flexdesk can be used for checking out and/or in books and cd's. A prox 13.56MHz reader is pre-installed inside the desk. The prox is connected to a pc inside a flexdesk. The pre-installed software Bibliocheck4Selfservice can be configured to operate in checkin, checkout or combi mode. The software can connect to the library management system (LMS) over the SIP2 or NCIP protocol. An integrated ticket printer can be used to issue tickets to a patron.

This document describes the hardware and software installation for a flexdesk.

Chapter 2. Contents

The following items are included:



1x [A] flexdesk with pre-installed embedded pc, touchscreen, PROX 13.56MHz transceiver
1x [B] 2M UTP network cable
1x [C] USB keyboard
1x [D] USB mouse
1x [E] Power cable with European connector

CHAPTER 3: HARDWARE INSTRUCTIONS

The flexdesk is pre-installed with all required hardware and software. The hardware only needs to be connected to a power source, and to the network over a UTP cable.

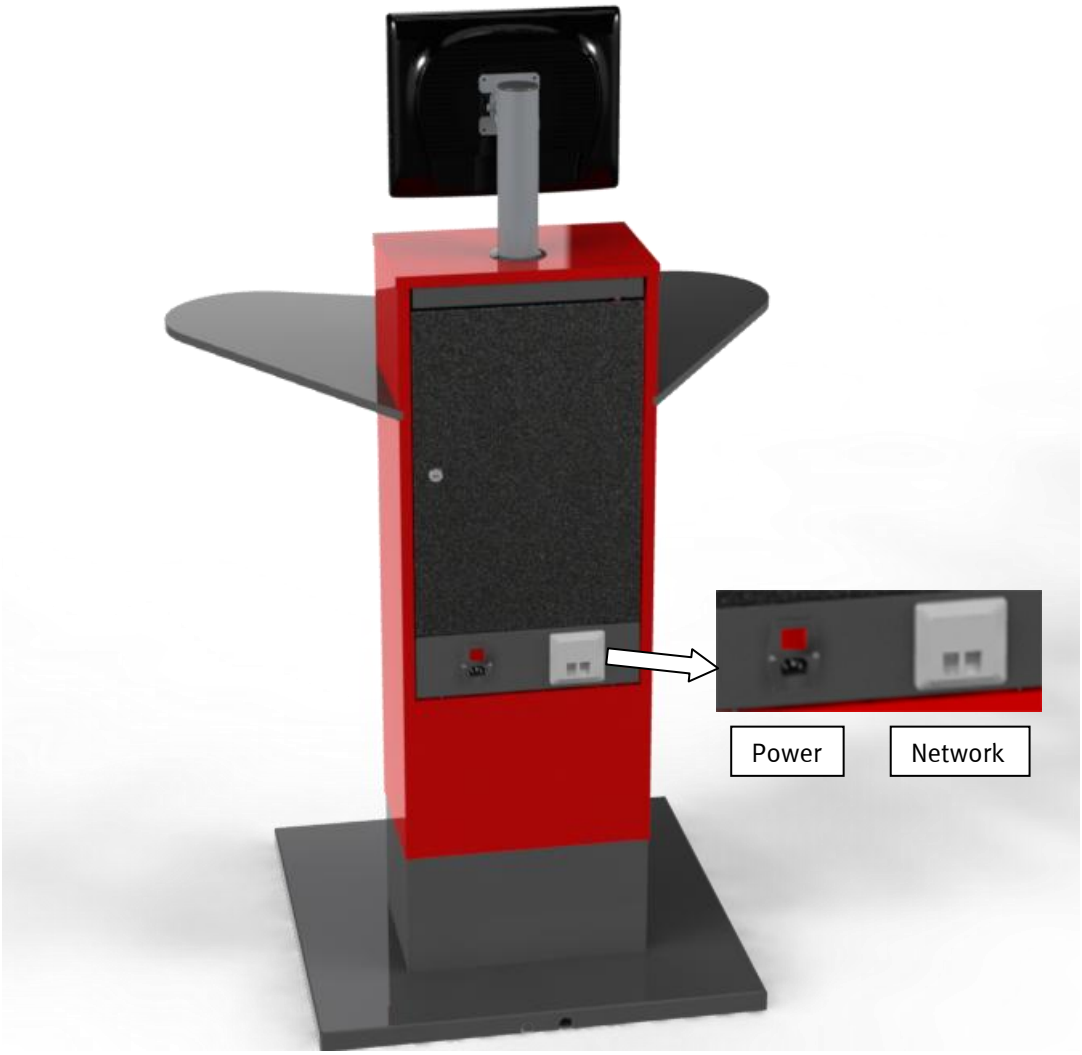


Figure 1 - power and network connector

1. Connect the power cable [E] to the power connector on the back of the flexdesk.
2. Connect the UTP network cable [A] to the UTP connector on the back of the flexdesk that is labeled ‘ PC’ .
3. Switch on the power of the flexdesk by pushing the red power switch.
4. The PC inside the flexdesk will automatically start when power is applied to it.
5. If the screen stays black, only the screen must be turned on manually. This can be done by pressing the power button on the right side of the screen ( )

CHAPTER 4: SOFTWARE INSTRUCTIONS

The software running on the flexdesk is Bibliocheck4Selfservice. Refer to the manual for this software package for more information about the installation and configuration of this program.

Chapter 5. FCC and IC certifications

This device contains PROX1356 with FCC-ID: CGDPROX1356 and IC: 1444A-PROX1356

Part 15.19(3) and RSS_Gen Labelling
This device complies with part 15 of the FCC Rules and to RSS210 of Industry Canada. Operating is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Cet appareil se conforme aux normes RSS 210 exemptés de license du Industry Canada. L'opération est soumis aux deux conditions suivantes :
(1) cet appareil ne doit causer aucune interférence, et
(2) cet appareil doit accepter n'importe quelle interférence, y inclus interférence qui peut causer une opération non pas voulu de cet appareil.

Warning (part15.21)
Changes or modifications not expressly approved by party responsible for compliance could void the user's authority to operate the equipment.

Chapter 6. Technical specifications

PHYSICAL SPECIFICATIONS

Article number:		9927786 / 9930400
Dimensions (cm):	Standard furniture:	ca. 100 x 83 x 130 (l x w x h)
	Height desk:	ca. 75
	Height ring (optional):	10 or 20
Material:		Metal, MDF, vulkanit
Standard color:		Wood Red U-225
		Metal Ral 7016
Optional color:		Any color at extra costs
Weight:		ca. 70 kg
Function:		Check-in, -out, combi
Check in of CDs/DVDs:		Yes

ELECTRICAL SPECIFICATIONS

Supply voltage:		110_230 V, 50-60Hz
Working voltage:	Reader:	24 V - 12 V - 9 V
Power consumption:		Max. 100 Watt
Length power cable:		1.8 m

HARDWARE SPECIFICATIONS

User interface:		Touchscreen 15 inch
PC:	Type:	Industrial PC or Touch PC
	Operating system:	XP Embedded SP3
	Connections:	USB, Lan, VGA, Serial, Audio
Communication cable:		Standard UTP
Printer:		Thermal, paper 80 mm
Compatibility:	Software:	Bibliocheck4 Selfservice
	Reader:	Nedap Prox. Reader, art. nr. 9934634
	Antenna power:	Max. 1 Watt
	Technology:	RFID
	Frequency:	13.56 MHz
	Identifies:	ISO 15693 / ISO 18000-3.1
	EAS function:	Yes, EAS-bits and/or AFI
Patron card reader:	Standard :	Barcode card reader or RFID/Mifare card reader
	Optional:	Magnetic card

ENVIRONMENTAL SPECIFICATIONS

Operational temperature:	+10 / +45 °C
Storage temperature:	0 / +55 °C

WARRANTY / CERTIFICATES

Certificate:	CE / EMC / FCC
Warranty:	1 year

Chapter 7. Disclaimer

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