

**INSTALLATION GUIDE: INTELLIGENT BOOK &  
CD TROLLEY**



BEYOND THE BOOK

Installation Guide

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[Installation Guide]



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## CHANGE HISTORY

Date	Version	Description
12-04-2011	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 dvd reader or the installation procedure.



- Always switch off the power (by disconnecting the power plug) before you remove the cover.
- Always apply the brake to the trolley when it is not moved.

## CHAPTER 1. INTRODUCTION

The intelligent book- and cd trolley can be used for checking in books and cd's. The trolleys are equipped with 13.56MHz inductive antennas, which are connected to a DVD 13.56MHz transceiver. The transceiver is connected to a pc inside a flexdesk. When an item with an RFID tag is placed inside the trolley, it is detected by the antennas and transceiver. The Bibliocheck4Intelligentshelf software processes the new item by checking it in into an external 3<sup>rd</sup> party database.

This document describes the hardware and software installation for an intelligent book- or cd trolley.

## CHAPTER 2. CONTENTS

The following items are included:



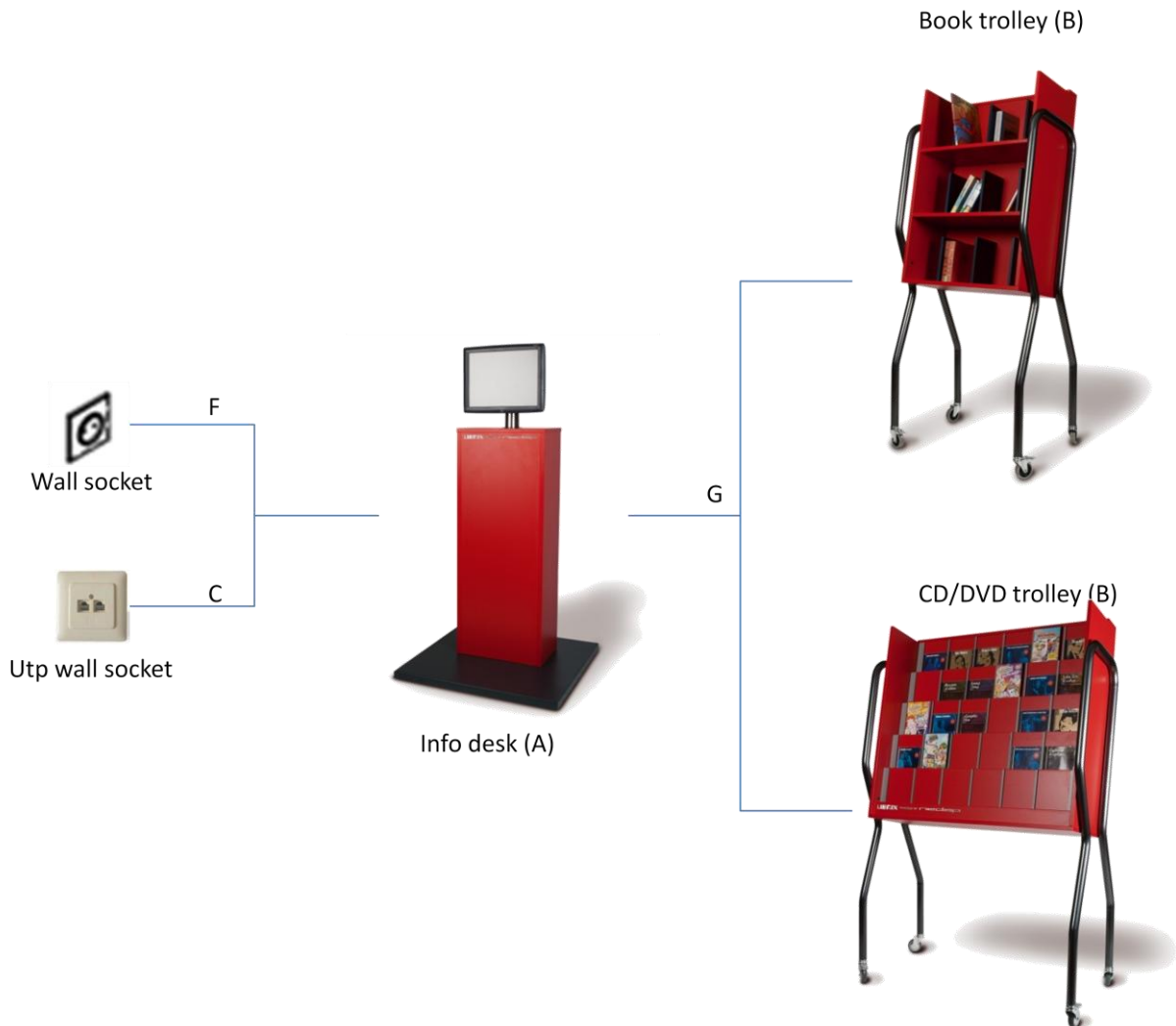
- 1x [A] Infodesk with pre-installed embedded pc, touchscreen, DVD 13.56MHz transceiver, network switch, optionally multiplexer
- 1x [B] Book or CD/DVD trolley (any combination possible, dependent of your order)
- 1x [C] 2M UTP network cable

- 1x [D] USB keyboard
- 1x [E] USB mouse
- 1x [F] Power cable with European connector
- 1x [G] Disconnectable antenna cable (included in [A] flexdesk)





**CHAPTER 3: HARDWARE INSTRUCTIONS**

Installation scheme:



**1.1 STEPS**

<p><b>Step 1:</b> Connect the Infodesk [A] to the wall socket with power cable [F] and to the UTP wall socket with UTP cable [C]. Connectors are located on the back of the Info desk</p>	 <p>and</p>
<p><b>Step 2:</b> Insert the antenna cable into the receptacle at the back of the trolley. The cable is already connected to the Infodesk.</p>	

**Step 3:**

Turn on the power switch at the back of the Infodesk and proceed to **SOFTWARE INSTRUCTIONS**



## CHAPTER 4: SOFTWARE INSTRUCTIONS

Refer to the document 'Bibliocheck4 man\_intelligent\_shelf.pdf' for detailed software installation instructions of Bibliocheck4IntelligentShelf.

## CHAPTER 5. FCC AND IC DECLARATION

FCC for USA according to Part 15 with FCC ID: CGDDVD31356  
IC for Canada according to RS-210 with IC: 1444A-DVD31356

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:		Dependant on function, color
Dimensions (cm):	Column:	ca. 70 x 70 x 138 (l x w x h)
	Trolley:	ca. 73 x 53 x 173 (l x w x h)
	CD-trolley:	ca. 110 x 53 x 173 (l x w x h)
Material:		Metal, Wood
Standard color:		Wood Red U225; Metal Ral 7016
Optional Color:		Any RAL color at extra costs
Weight:	Trolley /Column:	ca. 42 kg / ca. 65 kg
	CD/DVD trolley:	ca. 57 kg
Function:		Check-in
Check in of CDs/DVDs:		Yes, only on special trolley

### ELECTRICAL SPECIFICATIONS

Supply voltage:		100_230 V , 50-60Hz
Working voltage: Reader:		24 V – 12 V
Power consumption:		Max. 100 Watt
Length power cable:		Column: 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
Compatibility (software):		Bibliocheck4 intelligent shelf
RFID Reader:	Model:	Nedap DVD3 reader (art. nr. 9926798)
Frequency:		13.56 MHz
Identifies:		ISO 15693 / ISO 18000-3.1
EAS function:		Yes, EAS-bits and/or AFI
Book Trolley:	Cable to column:	4 m total, 3 m effective
Shelve(s):		3
Sorting:		No sorting
Max. number of books:		65
Check in of CDs/DVDs:		No

### 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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