

## Service Bulletin

### Revised Version: Announcement of DX-D 100 / 100 Wireless System Version 4.4

#### Task

Timing	Category	Scope
Next service as agreed with customer	<input type="radio"/> Apply at all sites	PowerHelp complaint / HQ issue: HQ_1301170003, PR1308120002, PR1303080002, PR1303250002, FER121023005
	<input type="radio"/> Apply at affected sites as listed below	
	<input checked="" type="radio"/> Optional to improve functionality of product	

#### Task Tracking

After completion of your task the following entry in your Service Report is required:

DD+DIS005.14E

\*

\* Insert the document number into the field "Comment" (SMS form).

Purpose of this document:

- This document announces version 4.4 of the DX-D 100 / DX-D 100 Wireless system and lists the new hardware and software items.
- It lists the HQs / PRs / FER which have been solved with the release of DX-D 100 / DX-D 100 Wireless version 4.4.

The signatures on the approval page indicate the solutions described in this Service Bulletin have been reviewed and are NOT reportable because no actions are taken to reduce a "Risk to Health" according to our risk assessment process.



## 1 Introduction/Purpose

This document contains specific information about system version 4.4 of the DX-D 100 / DX-D 100 Wireless.

*Symptom* The following HQ issues / Problem Records (PR) and Feature Request (FER) occurred with the previous version of the DX-D 100 / DX-D 100 Wireless:

Case Number	Description
HQ_1301170003	Malfunction of an exposure button resulted in a direct unintended exposure. Solution: New design of hand switch buttons and update of <ul style="list-style-type: none"><li>ATP firmware v7R1b73</li><li>Sedecal SoftConsole version. 5.3</li></ul>
PR1308120002	When tube arm was lowered the SID guard (handles) on the collimator rested on the dead man switch causing the unit to move. Solved in production by installing SID guard with improved design of the handles.
PR1303080002	Recommended calibration interval for DR detector updated in the <i>DX-D DR Detector Calibration Key User Manual</i> The DR detector must be recalibrated at regular intervals. Messages will be displayed on the NX Workstation when recalibration is required.
PR1303250002	When preview image on NX - NX locks Solved with introduction of Sedecal detector software VRN 7.3

*Solution* These HQ issues / Problem Records (PR) have been solved with the release of DX-D 100 system / DX-D 100 Wireless version 4.4.

### 1.1 Solution for erroneous intermittent 'low battery' message (FER121023005)

By the update of the Sedecal SoftConsole to version 5.3, the logging of the battery charging process has been improved. This will help to analyze the user's battery charging behavior in the future.

## 1.2 PR1308120002: Additional information about the improved collimator handle design

See below for the different collimators and the improved handle designs:

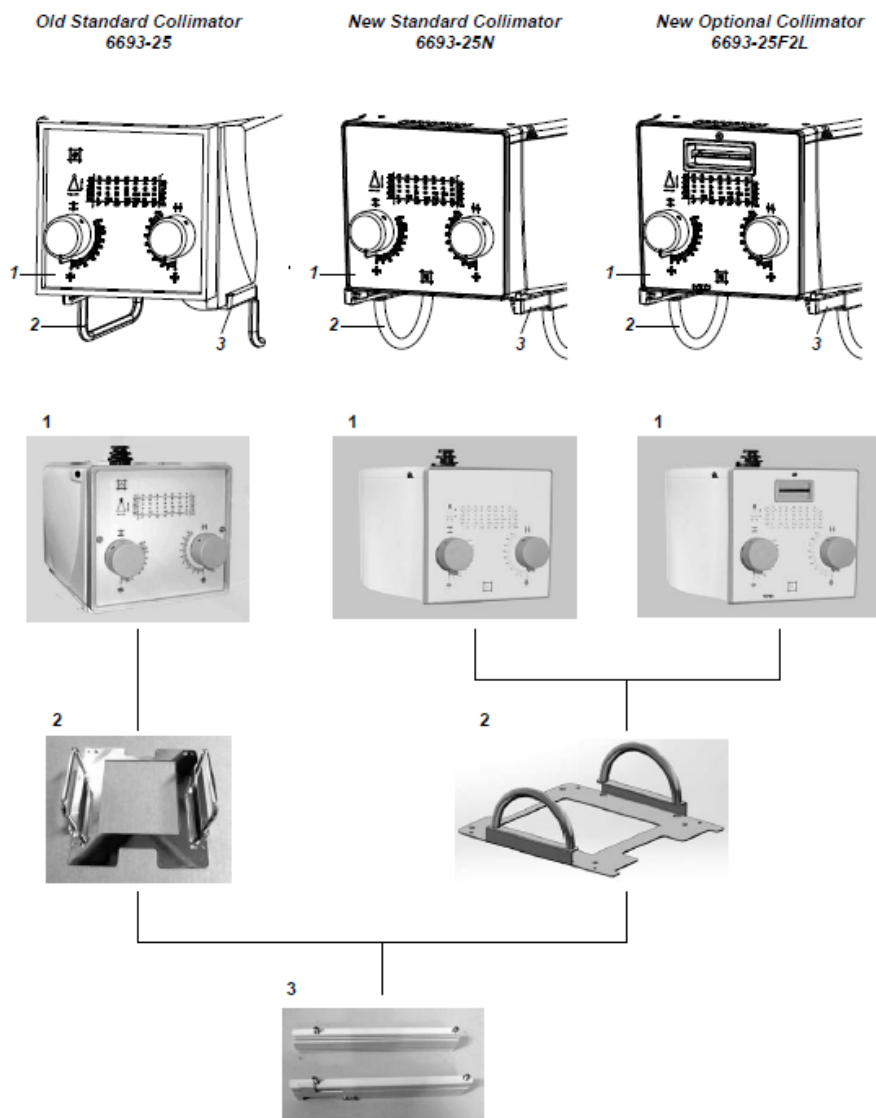


Figure 1

### 1.3 Update with DAP meter / remote control options

With the release of DX-D 100 / DX-D 100 Wireless system version 4.4, it is possible to update solutions with a DAP meter and remote control options in the field.

The respective procedures are described in detail in the DX-D 100 / 100 Wireless update procedure which is contained in a separate upgrade bulletin.

### 1.4 Solution for error code 15 (E15; filament error)

*Symptom* Sometimes, a random E09 (IGBT fault) or E15 (filament error) appears when the electricity supply changes from AC (Mains) to DC (batteries).

*Solution* The HT controller firmware V5R8b9 which is introduced with DX-D 100 / 100 Wireless System Version 4.4 solves this issue.

### 1.5 New components of DX-D 100 / DX-D 100 Wireless system version 4.4

With the release of DX-D 100 / DX-D 100 Wireless system version 4.4, the following components of the system have been changed ex factory (compared to DX-D 100 version 4.3).



#### NOTE:

All necessary upgrade procedures will be described in a separate upgrade bulletin.



#### HARDWARE:

- Ralco R221 collimator with changed design
- Ralco R221F Collimator available as an option
- Cisco Access Point AIR-SAP-1602E-x-K9
- Metal plate (adapter) for the Cisco Access Point AIR-SAP-1602E-x-K9



#### SOFTWARE:

- Cisco firmware: ap1g2-k9w7-tar.152-2.JB for Access Point 1602E
- ATP firmware V7R1b73
- Sedecal SoftConsole 5.3
- HT controller firmware V5R8b9

**NOTE:**

Only applicable for **DX-D 100 Wireless:**

- Canon detector software CDI 3.2
- Agfa Softconsole 1.1

**NOTE:**

Only applicable for **DX-D 100:**

- Varian detector software VRN 7.3

**REFERENCED DOCUMENTS:**

- *DX-D DR Detector Calibration Key User Manual*  
The document is available from the *Agfa HealthCare Library*:

**Direct Radiography > DX-D Detectors > DX-D Detectors Generic > User Manual**

## 2 Prerequisites

Not applicable

## 3 Instructions

For upgrade procedures, refer to the separate upgrade bulletin for DX-D 100 / 100 Wireless.

## 4 Keywords

Sedecal Softconsole 5.3, ASC 1.1, ATP; Cisco Access Point, Ralco collimator;  
Varian detector software 7.3; HT controller firmware V5R8b9

## 5 Version history

Version	Change	Date
1.0	Initial version	01-2014
1.1	Revised Information	05-2014



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### Signatures:

1. Josef Wagner (agwj) on 2014-05-22 03:27 PM CET
2. Paul Merckx (amdag) on 2014-05-26 09:35 AM CET
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