

# Addendum to DX-G, DX-M

5170/100

5170/200

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## User Manual



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# Legal Notice

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# Scope

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This manual contains information for safe and effective operation of the DX-G and DX-M digitizers, further referred to as the digitizer, unless the information applies to a specific type.

This manual is an addendum to the DX-G and DX-M User Manual (document 2321 or 2421):

- Safety directions
- Cassette and plate system: CR HD5.0 Extremities

## About the safety notices in this document

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The following samples show how warnings, cautions, instructions and notes appear in this document. The text explains their intended use.

**DANGER:**

A danger safety notice indicates a hazardous situation of direct, immediate danger for a potential serious injury to a user, engineer, patient or any other person.

**WARNING:**

A warning safety notice indicates a hazardous situation which can lead to a potential serious injury to a user, engineer, patient or any other person.

**CAUTION:**

A caution safety notice indicates a hazardous situation which can lead to a potential minor injury to a user, engineer, patient or any other person.



An instruction is a direction which, if it is not followed, can cause damage to the equipment described in this manual or any other equipment or goods and can cause environmental pollution.



A prohibition is a direction which, if it is not followed, can cause damage to the equipment described in this manual or any other equipment or goods and can cause environmental pollution.



*Note: Notes provide advice and highlight unusual points. A note is not intended as an instruction.*

## Additional safety directions

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For general safety directions to use the digitizer, refer to DX-G and DX-M User Manual (document 2321 or 2421).



**WARNING:**

Operation outside of the specified environmental conditions may lead to deterioration of image quality. For best results, keep the environmental conditions within these specifications.



**WARNING:**

Environmental light falling into the digitizer may create image artifacts leading to retakes. Do not open the digitizer during operation.



**WARNING:**

To avoid risk of electric shock, this equipment must only be connected to supply mains with protective earth. Check the connection to protective earth on a regular base. Its strongly recommended to use the second protective earth connector and check also this connection on a regular base.



**CAUTION:**

While every care has been taken, it is possible that minor errors still exist in the product. It is unlikely that a minor error could result in incorrect (unexpected) device operation.

## Cassette and plate system: CR HD5.0 Extremities

The DX-M and DX-G digitizer additionally supports the CR HD5.0 Extremities cassette and plate system.



*Note:* The use of CR HD5.0 Extremities cassettes requires a software version  $\geq$  NIM\_2501.

Throughput (using the default erasure cycle)	
The cassette throughput (plates/hour) depends on the cassette format and is based on the standard image plate erase dose.	24 x 30 cm (HD5.x Extremities): 41 plates/hour
	18 x 24 cm (HD5.x Extremities): 49 plates/hour

## Pixel matrix size

Cassette type	Format (cm)	Resolution (pixel/mm)	Width x Length (pixels)	Width x Length (mm)
CR HD5.0 Extremities	24x30	20	5760 x 4512	288.0 x 225.6
	18x24	20	4560 x 3312	228.0 x 165.6