

Pianissimo Zen Application

APPLICATION

The Pianissimo Zen silent sequence package reduces noise by up to 99%. The combination of Pianissimo and Pianissimo Zen make our Vantage series the quietest MR system in its class, providing comfortable examination for your patients.

APPLICABLE COMBINATIONS

This application is applicable to the following systems.

System	Software version
Vantage Galan 3T	V4.0 or later
Vantage Titan 3T	V4.0 or later
Vantage Orian	V4.5 or later
Vantage Fortian	V8.0 or later
Vantage Titan	V4.0 or later
Vantage Elan	V4.0 or later

Pianissimo Zen Hardware Package is required for Vantage Titan (before V6.0) and Vantage Elan (before V6.0) systems.

Reconstruction Memory Extension Package (MZKT-REP01/S1) is required for Vantage Titan (V6.0 or later) and Vantage Elan (V6.0 or later) systems.

Reconstruction Memory Extension Package is not required for the system which Pianissimo Zen Hardware Package (MZKT-RUK01 or MZKT-RUK03) has already been installed.

COMPOSITION

Software (License) 1 set

This application does not include an operation manual.

Refer to the operation manual supplied with the MRI system.

PERFORMANCE SPECIFICATIONS

High-speed gradient field switching is suppressed, making it possible to provide quiet scanning. In addition, a data acquisition sequence with a very short TE is possible in the same manner as for the UTE application. By adding an inversion pulse to the above sequence, mUTE T1 and mUTE 4D-MRA images can be acquired. Also, settings to achieve quieter FASE Diffusion are available.

INSTALLATION CONDITIONS

The power and environmental conditions are the same as for the MRI system.

COMPLIANCE WITH STANDARDS

This application complies with the same standards as the MRI system.

MASS

Unit	Mass (kg)
Pianissimo Zen	Approx. 0.5

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Canon Medical Systems Corporation meets internationally recognized standards for Quality Management System ISO 9001, ISO 13485.
Canon Medical Systems Corporation meets the Environmental Management System standard ISO 14001.

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