








From production to disposal, Mitsubishi Electric public displays incorporate "eco design" features to preserve the environment.



-  Lead-free solder used for all printed circuit boards
-  User's Manual printed using recycled paper and soy ink
-  Recycled paper used for product packaging
-  Use of polyethylene and polystyrene cushioning materials
(recyclable depending on country)
-  Recyclable metals used (aluminium and steel)
-  Compliant with Reduction of Hazardous Substances (RoHS) and Waste from Electrical and Electronic Equipment (WEEE) directives
-  Energy Star rating acquired (LDT422V); acquisition planned for all new models to be introduced

*Please read the reverse side of this flyer to learn a few of the many eco-conscious features incorporated in our innovative public LCD displays.

for a greener tomorrow

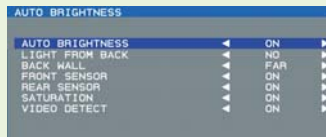


Environment-conscious functions contributing to energy savings and advanced operation ease

Auto Brightness Control

MDT421S/521S/651S

Screen brightness is adjusted automatically by utilising two built-in sensors (the only panels to have one installed both in the front and back), ensuring optimum viewing and contributing to energy savings by reducing power consumption.



Dark environment (brightness reduced) **Normal environment** **Well-lit environment** (brightness increased)

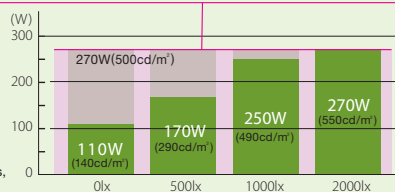


* When Auto Brightness and Video Detect are on and sensors are turned off, power consumption is a steady 270W (500cd/m²) regardless of surrounding light conditions.

Illuminance and Power Consumption Comparison

Model: MDT521S
Operating voltage: 220VAC
Input: RGB IN(DVI-D)
Brightness: 100
Fan: On
Video detection: On
Contents: Full White

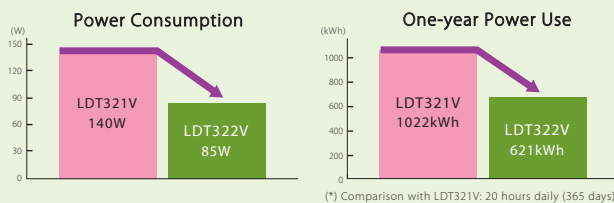
These are measured reference values, not officially announced data.



Low-power Technologies

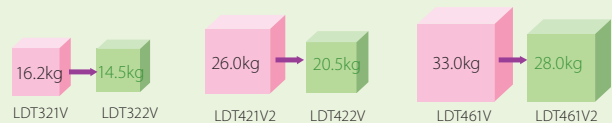
Low-power operation technologies are actively being incorporated. Recent advances include introducing the "Energy-saving Panel" for the LDT322V, reducing power consumed by 40% compared to the previous model, and for the LDT422V, reducing power consumed in normal mode from 210W to 182W and in "Active Off" (sleep) mode from less than 5W to less than 2W.

Power Consumption Comparison (Without Speakers)



Overall Weight Reduction

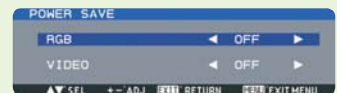
Use of lighter, recyclable materials has resulted in weight reductions for recent models including the LDT322V, LDT422V and LDT461V2.



Other Energy-saving Features

Power Management

Panels can be set to automatically enter a low-power standby mode when the computer/video input signal stops.



Programmable Scheduling

Up to seven different usage patterns can be scheduled by time, day of week and input port, increasing energy savings by turning off panels when not required.

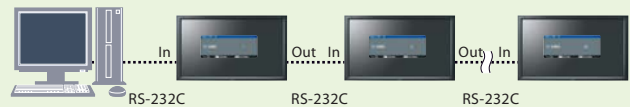


Off Timer

Panels can be set to turn off at specific times, reducing power consumption when not needed.

Remote Management & Diagnostics (RS-232 Serial Communications)

Individual remote control of up to 26 panels connected in a daisy-chain layout is possible, reducing cabling and installation materials.



Pre-delivery Brightness Adjustment & Optional Stand

Factory-based brightness adjustment with a maximum value of 70% is provided. To save on resources and prevent waste, the foot stand is offered as an optional feature available upon request.



for a greener tomorrow

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realisation of a sustainable society.



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