

• **Editorial-Chief**

Kiyoshi Takakuwa

• **Editorial Advisors**

*Chisato Kobayashi
Kanae Ishida
Makoto Egashira
Koji Yasui
Hiroaki Kawachi
Masayuki Masuda
Akio Toda
Tetsuyuki Yanase
Tetsuji Ishikawa
Taizo Kittaka
Keiji Hatanaka
Itsuo Seki
Kazufumi Tanegashima
Kazumasa Mitsunaga*

• **Vol. 128 Feature Articles Editor**

Takenori Sakashita

• **Editorial Inquiries**

*Makoto Egashira
Corporate Total Productivity Management
& Environmental Programs
Fax +81-3-3218-2465*

• **Product Inquiries**

*Keiji Hatanaka
Living Environment & Digital Media Equipment
Group
Fax +81-3-3218-2986*

Mitsubishi Electric Advance is published on line quarterly (in March, June, September, and December) by Mitsubishi Electric Corporation.
Copyright © 2009 by Mitsubishi Electric Corporation; all rights reserved.
Printed in Japan.

CONTENTS

Technical Reports

Overview	1
by <i>Kenjiro Kime</i>	
Image Quality Improvement Technologies for Energy-Saving LCD TVs	2
by <i>Yoshitomo Nakamura and Kohei Nomoto</i>	
New Optical Disc Technologies for Blu-ray Discs	6
by <i>Nobuo Takeshita, Kazuhiko Nakane and Tomo Kishigami</i>	
UI Software Development for Digital Recorders with the UI Design Tool "NINA"	10
by <i>Nobutoshi Todoroki and Yoshihiro Yamaguchi</i>	
Laser TV	14
by <i>Kuniko Kojima and Akihisa Miyata</i>	