

# Contents

<b>Foreword</b> .....	<b>8</b>
<b>Acknowledgements</b> .....	<b>10</b>
<b>HVX200 articles and frequently asked questions</b> .....	<b>12</b>
What's that click? .....	12
Why can't I play my clips back? .....	12
Strobing .....	13
Focusing.....	20
Recommended f-stop range.....	24
The HVX ASA/ISO rating .....	25
24P vs 24PA .....	28
24PN/25PN/30PN mode vs. 24P/25P/30P/60P mode .....	33
Variable frame rates.....	39
Interlace lines on progressive footage.....	51
The P2 workflow.....	55
P2 card file naming .....	75
Alternative recording technologies.....	76
An overview of high definition video .....	78
Which mode to shoot in? .....	82
Recording time on a P2 card.....	91
Dubbing footage.....	92
Depth of field.....	99
Blue menu items.....	105
Synchronizing multiple cameras in a multicamera shoot ....	109
Editing options.....	111
Optimizing for low video noise .....	116
<b>Scene file settings</b> .....	<b>120</b>
Operation type.....	120
Frame rate .....	121

Syncro scan.....	121
Detail level.....	124
V detail level.....	126
Detail coring.....	127
Chroma level.....	128
Chroma phase .....	128
Color temp .....	129
Master pedestal .....	130
A. Iris level.....	131
News gamma .....	132
Gamma .....	132
Knee.....	136
Matrix.....	137
Skin tone DTL .....	138
V detail freq.....	138
Name edit .....	140
Save/init .....	141
<b>Camera setup settings.....</b>	<b>143</b>
Aspect conv .....	143
Setup .....	145
<b>SW mode settings .....</b>	<b>149</b>
Mid gain.....	149
High gain .....	150
ATW .....	150
Handle zoom .....	152
Iris dial.....	152
User1 and user2 and user3 .....	152
<b>Auto sw settings .....</b>	<b>157</b>
A. Iris .....	157
AGC .....	157
ATW .....	158
AF.....	158
<b>Recording setup menu settings .....</b>	<b>160</b>
Rec format .....	160
480i rec mode (or 576i rec mode) .....	162
Rec function (P2 only) .....	162
One shot time .....	164

Audio rec (tape only) .....	165
Mic ALC .....	166
Mic gain 1 and 2 .....	167
25M rec ch sel (P2 only) .....	167
1394 TC regen .....	168
TC mode.....	169
TCG .....	169
First rec TC (tape only).....	170
TC preset.....	170
UB mode .....	171
UB preset .....	173
1394 In preset .....	173
<b>Dubbing setup .....</b>	<b>175</b>
Format sel.....	175
Pulldown sel .....	175
Setup .....	176
<b>Av in/out setup settings .....</b>	<b>178</b>
Cmpnt out sel .....	178
HP mode .....	178
A.Dub input.....	179
1394 Out .....	179
<b>Display setup settings .....</b>	<b>181</b>
Zebra detect 1 and 2 .....	181
Marker .....	182
Safety zone .....	183
Video out OSD.....	184
Date/time .....	184
Level meter .....	184
Zoom – focus.....	185
Card/tape – battery.....	187
Other display .....	188
Camera data .....	188
LCD set and EVF set .....	188
Display aspect .....	189
EVF color .....	189
<b>Card functions .....</b>	<b>191</b>
Scene file.....	191
User file.....	192

SD card format .....	192
<b>Other functions settings .....</b>	<b>194</b>
Remote .....	194
1394 CMD sel .....	196
PC mode.....	196
REC lamp .....	197
Access led.....	198
Beep sound .....	198
Power save .....	198
User file.....	199
<b>P2 menus and thumbnail screen .....</b>	<b>201</b>
Working with the thumbnail screen .....	203
Playing clips .....	205
<b>Thumbnail screen menu options .....</b>	<b>208</b>
Thumbnail menu .....	208
Operation menu .....	211
Property menu .....	213
Meta data menu .....	214
<b>Understanding metadata .....</b>	<b>217</b>
<b>Physical switches, buttons and jacks .....</b>	<b>223</b>
<b>Sample scene files .....</b>	<b>257</b>
<b>About the author .....</b>	<b>267</b>
<b>Index.....</b>	<b>268</b>

“Leica” is the registered trademark of Leica Microsystems.

“Dicomar” is the registered trademark of Leica Camera AG

“Panasonic”, “DVX”, “DVX100”, “AG-DVX100”, “AG-DVX100a”, “AG-DVX100b”,

“HVX”, “HVX200”, “AG-HVX200”, “Varicam”, and “P2” are registered trademarks of Panasonic Broadcast and Television Systems Company.