

Sharp PN-HY431  
LCD 43" Midrange Large Format Display

## Da#a" hee#



Clea!l( "#and-o\$# ) &he!e i# ma##e!" mo"#.

E>:~H C85 @5A653C 3?=29>1C9?> ?6 1> 5G35@C9?>1<H B4= 1>4 BCH4B8 45B97>, E9E94<H 3<51A 4" @93CDA5B 1>4 @?F5A6D< BC1>41<?>5 ?@5A1C9?> F9C8 )81A@NB ' %- . 4979C1< B97>175 49B@<1HB.

!C = 1; 5B C85= C85 9451< 387935 6?A B97>175 1>4 9>6?A= 1C9?> B81A9>7 9> 1 F945 A1>75 ?6 A5C19< 1>4 3?A@?A1C5 5>E9A?>= 5>CB, 9>3<D49>7 = 55C9>7 A??= B 1>4 A535@C9?> 1A51B, 1B F5<< 1B 6??4 & 25E5A175 ?DC<5CB 1>4 <59BDA5 5BC1249B8= 5>CB.

## Bene\*#"

Sim !l( mo!e life-like M C85 49B@<1HB 3?=5 F9C8 1 F945 3?<?DA 71= DC B8?F9>7 5E5AH 3?<?DA F9C8 = D38 7A51C5A 133DA13H.

O e!a#ion a!o\$nd #he clock M 24/7 F9C8 500 34/=L 2A978C>5BB.

In"#an# !\$g & go M F9C8 C85 2D9<C-9> +)B \$5491' <1H5A B445B8?FB ?6 4" +<CA1 D @8?C?B 1>4 E945?B 1B F5<< 1B = DB93 31> 25 @<1H54, >? >554 C? 3?>>53C 1 B5@1A1C5 ' C ?A ?C85A 81A4F 1A5.

Con#!ol made "im !e M DB9>7 1> 9>C57A1C54 #A%/()-232C 9>C5A6135 1<< H?DA 49B@<1HB 31> 51B9<H 25 3?>CA?<<54 1>4 = ?>9C?A54 6A? = 1 B9>7<5 ' C.

All #he +e' ibili#( (o\$ need M C85 49B@<1H 31> 25 F1<< = ?D>C54 9> 59C85A <1>4B31@5 ?A @?ACA19C = ?45 1B F5<< 1B 6135-4?F> ?> 1 3594>7 ?A 6135-D@ ?> 1 C12<5 ?A P??A.

Product Information

' A74D3C %1 = 5	) 81A@ ' %- . 431
' A74D3C GA?D@	#CD 43" \$94A1>75 #1A75 F?A= 1C D9B@<1H
&A45A C?45	60005554

Dimensions

' 1>5< *538>?<?7H	*F* F%8 D9A53C #ED 213; 478CB
A39E5 )3A55> AA51 (- G )	941 G 529
/= = 0	
) 3A55> )9I 5 /9>38/3=0	43 / 107
AB@53C ( 1C9?	16:9
' 9G5< ' 9C38 / = = 0	0.245 G 0.245
BA978C>5BB /34/= L0	500
C?>CA1BC ( 1C9? (CH@.)	1200:1
, 95F9>7 A>7<5 /K0	178 8?A9I ?>C1< / 178 E5AC931< (CH@. 1C 3?>CA1BC A1C9? 10:1)
C?<?DA D5@C8 /2>0	1.073 (102%)
(5B@?>B5 *9= 5 (CH@.) / = B0	8
' 1>5< (56A5B8 ( 1C5 / 10	60
115 #5E5< /%0	' A? (25)
) D@@?AC54 &A95>C1C9?>	F135 D?F>; F135 +@ <sup>1</sup> ; #1>4B31@5; ' ?ACA19C

Resistance

%1C9E5 (5B?<DC9?>	3840 G 2160
) D@@?AC54 (5B?<DC9?>B	1024 G 768; 1280 G 960; 1680 G 1050; 640 G 480;
	1280 G 1024; 1360 G 768; 1920 G 1080; 800 G 600;
	1280 G 720; 1400 G 1050; 3840 G 2160; 848 G 480
	1280 G 800; 1440 G 900; 4096 G 2160;

Connections

I>@DC , 945? A>1<?7D5	1 G , GA
I>@DC , 945? D979C1<	3 G D\$( F%8 DC' )
I>@DC AD49? A>1<?7D5	1 G 3,5 = = :13;
I>@DC AD49? D979C1<	3 G D\$!
I>@DC C?>CA?<	#A% 100\$29C; ( ) 232
I>@DC D1C1	1 G +) B \$541@<1H5A

Electrical

' ?F5A C?>BD= @C9?> E3?/= 1G.	100 (= 1G.)
/- 0	
' ?F5A ) 1E9>7B \$?45 /- 0	< 0.5; < 1 (%5CF?A; 54 ) C1>42H)
' ?F5A \$1>175= 5>C	, E) A D' \$)
' ?F5A ) D@@<H	100-240 , AC; 50/60 I; 9>C5A>1<

Environmental Condition

&@5A1C9>7 *5= @5A1CDA5 /KC0	+0 C? +40
&@5A1C9>7 D= 949CH /%0	20 C? 80
) C?A175 D= 949CH /%0	10 C? 90
) C?A175 *5= @5A1CDA5 /KC0	-20 C? 60

Mechanical

D9= 5>B9?>B (- G G D) /= =0	973 G 561.2 G 63.5
- 5978C /; 70	11.5
B515< - 94C8 /= =0	13.9 (2?CC?=); 13.9 (<56C 1>4 A978C); 13.9 (C?@)
, E) A \$?D>C9>7 /= =0	200 G 200 (FD\$!); 4 8?<5B; \$6
' 13; 179>7 D9= 5>B9?>B (- G G D) /= =0	1,070 G 680 G 141
' 13; 179>7 - 5978C /; 70	14

**G!een Fea#\$!e"**

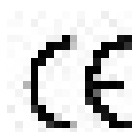
E>5A7H EQ395>3H	E>5A7H 3?>BD= @C9?>: 90 ; - 8/1000 8; E>5A7H 5Q395>3H 3<1BB: G; #ED 213; 478C
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**Addi#ional Fea#\$!e"**

)@5391< C81A13C5A9BC93B	A) C!! C?>CA?< C? = = 1>4B; CEC ) D@@?AC; ( 5 = ?E12<5 #???; ) 3854D<5A; +) B \$5491 ' <1H5A
C?<?DA , 5AB9?>B	B<13; FA?>C B515<, B<13; B13; C129>5C
) 165CH 1>4 EA7?>?=93B	CE; EAC; (? )
AD49?	!>C57A1C54 )@51; 5AB (2 G 10 - )
) 89@@9>7 C?>C5>C	2G AAA 21CC5A95B; CD-( &\$ (+B5A GD945B/\$1>D1<B); D9B@<1H; #???) C93; 5A; ' ?F5A C12<5; (5 = ?C5 C?>CA?<; ) 5CD@ \$1>D1<
- 1AA1>CH	3 H51AB F 1AA1>CH 9>3<. 213; 478C; ?>-B9C5 B5AE935; ?@C9?>1< 4. + 5. H51A F 1AA1>CH 5GC5>B9?> 2
&@5A1C9>7 ?DAB	24/7
EGC5A>1< C?>CA?<	A) C!! C?>CA?< C? = = 1>4B; D\$! CEC; ) 3854D<54 *9= 5A

<sup>1</sup> 14:DBC54 DB175 3?>49C9?>B 6?A 6135 D@/4?F > 9>BC1<<1C9?>B, @<51B5 A565A C? ?@5A1C9?>1< 7D9454>5B ?A 3?>C13C ?DA BD@@?AC

<sup>2</sup> @<51B5 A565A C? C5A= B 1>4 3?>49C9?>B ?6 F 1AA1>CH 5GC5>B9?>B



CE



(? )

\*89B 4?3D= 5>C 9B J 2022 ) 81A@ %EC D9B@<1H ) ?<DC9?>B EDA?@5 G= 2 .

A<< A978CB A5B5AE54 9> 61E?DA ?6 C859A A5B@53C9E5 ?F>5AB. A<< 81A4F 1A5 1>4 B?6CF 1A5 >1= 5B 1A5 2A1>4 >1= 5B 1>4/?A A579BC5A54 CA145= 1A; B ?6 C85 A5B@53C9E5 = 1>D613CDA5AB. A< B@539O31C9?>B 1A5 BD2:53C C? 381>75 F9C8?DC >?C935. EAA?AB 1>4 ?= 9BB9?>B 1A5 5G35@C54. 25.04.2022