

# 42" LCD HDTV

## Model: NKLTW42CG



### Features :

- Exceptional brightness and contrast: Brightness 500 cd/m<sup>2</sup>, Contrast 1600:1 (CR, Dynamic)
- Integrated compact design
- Resolution: 1366 x 768
- Color: 16.7 M color combinations
- Language: English, Spanish, French
- Ultra sound technology
- Wide viewing angle: 178°(H) x 178°(V)
- Inputs:
  - 2 x component input(RCA)
  - VGA (D-sub) In, RGB Sound In
  - HDMI, DVI
  - 2 x Audio/Video

### Specifications

#### Display Panel

LCD Panel: LG Philips  
Resolution: 1366 x 768  
Size (Active area): 42.02"  
Pixel pitch: 0.227 x 0.681 x RGB  
Viewing angle: 178°(H) x 178°(V)  
Response time: 8ms  
Brightness: 500cd/m<sup>2</sup>  
Contrast ratio: 1600:1 (CR, Dynamic)

#### TV

Video system: NTSC-M, ATSC  
Video system (ATSC):  
MPEG-2MP@HL compliant video recorder  
Video type: 480i / 480p / 720p / 1080i  
Sound system (ATSC):  
Dolby AC-3, MPEG ½, Layer 1 & 2  
Auto channel search (analog/digital): Supported  
Electronic program guide(EPG): EPG with ATSC PSIP  
Closed caption: EIA-608A/EIA-708B supported  
V-chip and MPAA: Parental guide rating support

#### Audio

Sound output (RMS): 10W per channel @ 8ohm (analog)  
Auto volume level control: Supported  
5 sound modes: Standard, music, movie, speech, custom  
Equalizer: 5 Bandwidth  
MTS: Mono, stereo, SAP

#### Others

**Power consumption: 5.8 W (standby) 230W (operating)**  
**Unit Dimensions: 49.14" x 28.74" x 11.23"**  
**Unit weight: 75 lbs**

#### Graphic

Progressive scan: Up to 1080i  
Aspect ratio: Wide / Panorama / Zoom / 14:9 / 4:3  
5 color temperature: Normal, warm1, warm2, cool1, cool2  
5 picture modes: Standard, movie, mild, custom, dynamic  
Image enhancement: De-interlace, digital 4H, 3D comb filter,  
digital noise reduction, pixel shift  
Half tone OSD: supported

#### OSD

Multi language OSD: English, Spanish, French  
Program list/edit: supported

#### External connection:

AV1: S-video or video and RCA stereo (L/R)  
AV2: Video and RCA stereo L/R  
SPDIF (optical / coaxial): Dolby AC-3 or PCM 2 ch  
TV Antenna: Antenna In 75 ohm, F-Connector  
Audio Line out (RCA): 1 x RCA stereo (L/R) out  
Component Input (RCA): 2 x component & RCA stereo (L/R) in  
RGB (D-Sub) In: 1 x D-sub (15 pin)  
RGB Sound in: 1 x stereo jack type  
HDMI input & DVI sound: 1xHDMI & RCA stereo (L/R) for DVI  
A/S port: 1 x stereo jack type for service (main board)  
1 x USB c.2.0 jack for service (ATSC Module)

#### User Convenient Features

PIP & PBP (DW): Graphic (DTV, component, analog RGB, HDMI)  
Sleep timer: Off/30/60/90/120/150/180 min  
Panel burn protection: Pixel shift wiper  
Picture still: Pause moving picture  
Last power state save: Remember the last state before power off  
Child lock