

CQ-VX100



7" (diagonal) wide screen LCD
with touch panel operation
DVD video and MP3
(CD-R/RW/DVD-R/RW)
playback
DivX® playback
Ready for iPod (music/video)
Partially detachable front
panel
4-digit ID code security

Features

Specifications

7" (diagonal) wide screen LCD with touch panel operation
Colour spectrum covers a broad 72% NTSC colour space
Digital multi-video processor
DVD menu direct input
MOS-FET high-power amp (50W x 4 max.)
Dolby Digital decoder (2-channel downmix)
DVD video and MP3 (CD-R/RW/DVD-R/RW) playback
DVD-R/RW playback
DivX® playback
SQ3 (3-band sound quality)
18 FM and 6 AM presets with preset scan

Ready for iPod (music/video)
iPod video full control
Hands-free phone system ready (CY-BT200)
Phonebook transfer (CY-BT200)
Bluetooth® audio ready (CY-BT200)
NTSC/PAL/SECAM auto switch
Ignition-linked monitor extension/retraction
Graphical user interface (GUI)
Rear-view camera ready
Front AV input
Partially detachable front panel
4-digit ID code security

Expansion module ready

7" (diagonal) wide screen LCD with touch panel operation

A light touch of your finger on the display panel is all it takes to control most functions. Operation is quick and easy from the very start because you can directly select the items you want from simple menu lists or icons. Improved touch-panel transparency contributes to outstanding brightness and legibility.

Digital multi-video processor

To preserve video signal quality and deliver a clearer image, this performs video signal processing in the digital domain. Precision LSI circuitry applies digital scaler processing instead of analogue processing to avoid flicker in down-conversion and diagonal jaggedness in scan-line interpolation of PAL/SECAM signals.

Beautiful colour

For vividly colourful image reproduction, the Panasonic "Digital Colour Transient Improvement" function delivers crisp colour boundaries with reduced fuzziness and fringing at colour contours.

High resolution

You enjoy a crisp and clear display of small type and fine patterns, thanks to high-definition display technology. The key is a digital graphics processor, which improves image resolution compared to analogue models.

DVD menu direct input



When playing DVDs, simply touch the on-screen menu to select desired items and chapters. What's gone is the hassle of moving a cursor through endless lists to find what you want. Now you can directly select language, angle and other playback details with just a touch. What could be more convenient and enjoyable?

MOS-FET high-power amp (50W x 4 max.)

Discover greater musical enjoyment with more powerful reproduction. This 4-channel built-in MOS-FET amp delivers 50W to each speaker for a 200W total output.

DVD video and MP3 (CD-R/RW/DVD-R/RW) playback

The system can play MP3 files on DVD-R/RW in addition to CD-R/RW media. About 1,000 songs can fit on one 4.7GB DVD, so you'll have plenty of music to keep you entertained on long journeys. Finding the tracks you want is easy, thanks to touch-panel control and on-screen display of the directory structure.

DivX® playback

The DivX® video compression format is supported. DivX® offers high compression together with high picture quality, allowing about two hours of video to be stored within the 700MB capacity of a single CD-R. Furthermore, about 12 to 14 hours of video compressed with DivX® can fit onto one DVD, a real convenience for long trips.

SQ3 (3-band sound quality)

Six preset modes are at your fingertips to suit a wide variety of musical genres. You can customize each mode by adjusting centre frequencies and levels in three bands. Your customized settings can then be stored for instant recall.

Expansion module ready

With this module you can connect a mobile audio system to several digital devices at once, such as an iPod loaded with your favourite music and video, an XM and/or Sirius satellite radio receiver, a DVD changer, a video camera, a game player, a Bluetooth® hands-free cell phone kit, and so on. In other words, this lets you take your digital lifestyle into your vehicle to enhance your driving pleasure. Note: Digital devices that can be connected to the CY-EM100 can also be individually connected directly to expansion module ready models.



Ready for iPod (music/video)



The head unit's touch-panel screen gives you direct control over not only the music on your iPod, but video files*1 as well. That means you can show all the videos stored in your iPod on the large 7" screen, with great musical reproduction through your Panasonic audio system. The Direct Cable for iPod® (CA-VDC300), sold separately, is all you need for video and audio connection. Or use the CA-DC300 cable for audio alone. Power is supplied to the iPod player from the connected head unit, so you can enjoy the vast amount of music on your iPod without worrying about depleting its battery. *1 Only videos downloaded with iTunes®*2 are playable on the unit. Videos using mass storage class devices are not supported. The number of displayable characters for a file name is limited to 252 bytes. 5th generation iPod only. *2 iTunes is a trademark of Apple Inc., registered in the U.S. and other countries/regions.

Hands-free phone system ready (CY-BT200)

With the hands free kit (sold separately), you can talk on your cell phone while keeping both hands on the steering wheel. And since Bluetooth® uses wireless technology, your phone can stay in a pocket, purse, backpack or briefcase.

Phonebook transfer (CY-BT200)

Wirelessly transfer the phonebook of your cell phone to the head unit. Up to 100 numbers can be stored and listed in alphabetical order.

Bluetooth® audio ready (CY-BT200)

Music stored in your Bluetooth® enabled cell phone can also be played, thanks to A2DP (Advanced Audio Distribution Profile) and AVRCP (Audio/Video Remote Control Profile) support. This provides wireless streaming for high-quality sound reproduction through your in-car system with touch-panel display and control of track selection.



NTSC/PAL/SECAM auto switch

This switch automatically detects the world's video signal formats (NTSC/PAL/SECAM) so you can readily enjoy high picture quality without the inconvenience of manual mode switching.

Ignition-linked monitor extension/retraction

With the CQ-VX100, you can use the extensive setup menu to select completely automatic monitor extension/retraction instead of the usual button-activated procedure. Then, all you have to do is turn the ignition key (ACC ON) and the monitor will slide out and up to your pre-selected angle. Likewise, when you stop the car and turn the ignition off (ACC OFF), the monitor will automatically retract.

Graphical user interface (GUI)

On-screen information guides you through setup and tells you what's happening during operation. Thanks to clear colour graphics and text, it's easy to operate right from the start. There's no comparison to

conventional head units — this is designed to be completely intuitive.

Rear-view camera ready

Widely available compact video cameras (CCD, etc.) can be connected to the CAMERA input for extra safety when backing up, not to mention security. You can set it up to switch on automatically when you shift into reverse.

Front AV input

Plug directly into the front of the head unit and enjoy not only music from your portable audio player, but also video from your iPod* or camcorder. In addition to plugging video sources directly into monitors or Expansion Module for playback through your system, Panasonic expands the ease of connectivity with our new front AV input. * The iPod Classic, iPod nano (3rd generation) and iPod touch require AV cables that incorporate an authentication chip. Only the fifth-generation iPod can connect via a conventional AV cable.

Partially detachable front panel



The CQ-VX100 has a detachable front control panel that you can put in your pocket or bag to take with you when you leave your vehicle. With its 4-digit ID security code, it provides a double theft deterrent effect to give you more peace of mind.

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