



## Joyride Sales Concepts:

- **Complete In-car Integrated Multimedia/Navigation System**
- **In Dash AM/FM/CD Player/Changer Controller/DVD Video/MP3 Player**
- **Dual-Zone Capability with Dedicated Rear Seat Monitor/Audio**
- **Navigation Ready (with Navi Package)**
- **On-Screen Real Time Traffic Information**
- **Voice Controlled**
- **5.1 Dolby Digital/dts Audio Decoders Built-in**
- **IR Remote Control from Front or Rear Seat**
- **Large Screen Upgrade Shows Complete Joyride Functions**

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## Joyride Basic Features and Specifications

### DVD:

- Built-in 5.1 Dolby Digital and dts decoders
- 6 channel 24-bit Burr-Brown D/A converter
- Dual Zone capability with dedicated line-level headphone output
- Control all main functions by voice commands or IR Remote Control
- View on-screen menu information
- Can play optional DVD-ROM navigation disc

### Compact Flash Player:

- Plays MP3 encoded files
- Allows backup and restore of main system files
- Plays WAV files
- Allows loading of applications and OS

### CD Player:

- Plays standard CD's
- Plays CD-R discs with WAV files
- Plays CD-R discs with MP3 files
- Displays artist, song title and album information if MP3 file is ID3 tagged
- Plays dts encoded audio CD's
- Plays CD-ROM navigation disc
- Controls optional 6-disc CD Changer (UC6)

### Radio:

- 40 presets (30 FM/ 10 AM)
- Voice tagging for voice command selection of presets by custom naming
- 10 character naming of preset stations
- Seek and scan tuning
- Manual tuning
- Direct entry tuning

### Audio:

- Complete setup of 5.1 channel audio
- Speaker configuration
- Pink Noise generator
- 6 channel line-level output
- Bass, Treble, Balance, Fader control
- 10 band digital graphic EQ with 3 presets
- LFE adjustment in Dolby Digital and dts
- Digital time alignment in 5.1 audio
- Dolby Pro Logic

### Address Book:

- Storage for over 250 entries
- Can be synchronized with optional PDA's
- Voice command controlled
- Can be used with optional JoyRoute Navigation for route calculation to any stored address

### JoyRoute Navigation:

- Large Screen (with optional VMA6492 Monitor) or Small Screen on-screen moving map display
- Uses either CD-ROM regional maps or DVD-ROM national map
- Voice Guidance and moving map/turn-by-turn/freeway displays
- CD-ROM mapping can be used in the optional 6-Disc CD Changer for Dual zone use while playing a DVD movie in the main Joyride in-dash unit
- Voice command or IR remote control of all main navigation functions
- Navigate to a street address, an intersection, a Point of Interest, a city center, an address in the Address Book, or any address set as Home

### Specifications:

#### FM Tuner:

Frequency Range: 87.9-107.9MHz  
Useable Sensitivity: 5dBuV

#### AM Tuner:

Frequency Range: 530-1710kHz  
Useable Sensitivity: 29dBuV

#### DVD/CD Player:

Frequency Response: 10Hz-20kHz  
Signal to Noise: 90dB  
THD+N (Dolby Digital signal): 0.01%  
Video Output Level (75 Ohm): 1.0V p-p

#### Auxiliary:

Line Input (22kohm): 2.0V rms max

#### Headphone:

Impedance: 16 ohm-10kohm

#### Audio:

Speaker Output: 45 x 4  
Line Level Output: 4.0V rms x 6

# Joyride Information

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## **JOYRIDE AM/FM/CD/DVD/MP3/CD CHANGER CONTROLLER**

### **AUDIO FEATURES:**

- Intel Pentium 133MHz Processor w/MMX Technology
- DVD Video, DVD-ROM, CD Audio, CD-ROM, CD-R, CD Video
- 5.1 Dolby Digital/dts Decoder Built-in
- MP3 Digital Audio Player
- Dual Zone Control
- Voice Activated Control and Response
- 180W (45W x 4)
- Rotary Volume Control
- Motorized Fold Down Face
- 6 Channel Line Level Outputs
- Type II Compact Flash Card Slot
- Infrared Remote Control

## **JOYBP JOYRIDE ENTERTAINMENT SYSTEM**

### **INCLUDES:**

- Joyride Unit
- VMA6491 6.4" LCD Color Monitor
- 32MB Compact Flash Card

# Joyride Information

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## **UC6 USB 6 DISC CHANGER**

- 6 Disc Magazine
- CD/CD-R/CD-ROM (Navigation Discs Only)
- Spring-Loaded Silicon Oil-Dampened Suspension System
- 3-Beam Laser Tracking System
- 120 Degree Mounting capability
- Quick Disc-to-Disc Loading Time
- USB Connectors (1 Input, 1 Output)



## **VMA6492 6.4" LCD COLOR RGB MONITOR**

- TFT Active Matrix Display
- RCA Composite Video and RGB Input
- IR Receiver Built-in
- Brightness Control Front Mounted
- RGB/Composite Front Panel Switch



## **JOYNAVI GPS/GYRO/SPEED PULSE UNIT W/JOYROUTE NAVIGATION SOFTWARE AND DVD-ROM MAP DISC**

- 12 Channel GPS Receiver
- USB Connector
- Built-in Gyro and Speed Pulse Sensor
- Weatherproof GPS Antenna w/Magnet Mount
- Speed Pulse Sense Lead
- Visual & Voice Turn-by-Turn guidance
- Voice Control and Response
- Moving Map or Turn-by-Turn Display
- 2D or 3D View on External Display (Large Screen Version)
- Larger Map Viewing Area (large Screen Version)
- Uses GPS/Gyro & Speed Pulse For Calculating Location
- Includes DVD-ROM Map disc with full U.S. Coverage



## **DCA NAV DISCS for DCA's 1-9**

- Available from NAV-TECH, 1-800-NAV MAPS

Also available:

- DVD ROM disc with ALL U.S. covered

# Joyride Functions



Large Screen Display



Large Screen Display



Small Screen Display



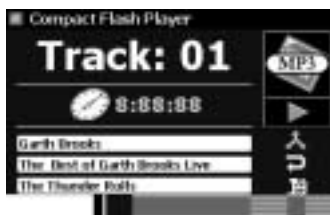
Small Screen Display

## CD Player Function

The CD Player Function will allow full playback of audio cd's. You can set random play functions. Control can be through front panel buttons, IR Remote Control, or by voice commands.

## Radio Function

The AM/FM Tuner has 30 FM/ 10 AM Presets. Presets can be stored by button number, can have a name assigned, and can also be voice tagged. You can recall a station by button touch on the front panel, or you can recall the station by voice command. Stations can also be entered by direct keypad input.



Large Screen Display



Large Screen Display



Small Screen Display



Small Screen Display

## MP3 Player

Joyride will play back MP3 audio files and MP3's that have VBR (Variable Bit Rate) encoded tracks. It can read separate MP3 files, or play lists.

If the MP3 file has been encoded with artist and track name information (ID3 Tag), this will be displayed in either the large or small screen displays. Tracks can be accessed on a track up/down button, or can be directly entered through the numeric keypad.

## DVD Player

Joyride's DVD player has built-in decoders for 5.1 digital audio. The hide away unit has line level outputs for front left, center, front left, rear left surround, rear right surround, and LFE (subwoofer). The subwoofer output is crossed over at 100 Hz, and has an adjustable volume level. The DVD player has scene search, an on-screen menu for setting up the surround processor, and is controlled from either front panel controls, or through the IR Remote. Dual zone operation allows rear seat passengers to watch a DVD video, and listen to it on wireless headphones, while the rest of the car listens to the radio, MP3, and navigates at the same time.

# Joyride Functions



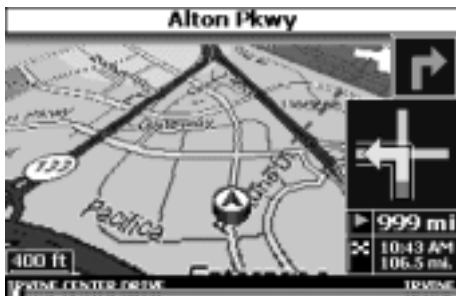
## Freeway Display

This mode (in both small and large screen) allows the user to use a simple to understand navigation screen with freeway/highway exits, along with route directions. The system will give voice prompts when required to indicate an off ramp. When exiting the freeway/highway, the standard moving map display is displayed on screen automatically.



## Small Screen Moving Map Display

This mode gives a moving map display of the navigation route, along with voice and visual turn-by-turn guidance. There is also a compass display to show direction of vehicle movement, and a small turn indicator arrow.



## Large Screen 3D Moving Map Screen.

In this mode, the large screen displays a 3D image of the chosen route, along with turn arrows for turn-by-turn display. There is also voice guidance, and a compass for course direction.



## Large Screen Start Menu

When using the large screen option with the VMA6492 Monitor, this is the main display when Joyride is turned on. From this menu, any system function can be selected.

# *Joyride Accessories*

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## **RCB139**

Infrared Remote Control for Joyride.

## **RGB201**

RGB converter card, required for large screen applications (Navigation, Large Screen User Interface), includes RGB8 2.5m RGB connector cable.

## **RGBNTSC**

Converts RGB output from RGBCARD to NTSC (composite video) output. Allows a non RGB monitor to be used with large screen Navigation and User Interface applications.

## **USBHUB**

Used to add multiple USB devices to the Joyride in-dash unit. Has 4 powered USB outputs. Suggested when connecting UC6 changer and UDR12 GPS receiver to Joyride.

## **WR1J**

Cue Wireless Receiver for real time traffic information, weather reports, news, sports scores. Requires activation for some features.

## **DA300**

Andrea Autoarray Microphone. Used in high noise environments such as convertibles.

## **SDCFB32**

32 Mb Compact Flash card.

## **SDFCB64**

64 Mb compact Flash Card.

## **SDCF03**

PCMCIA to Type 1 Compact Flash Card Reader/Writer for use with laptops.