

# IN-CAR ENTERTAINMENT & NAVIGATION 2.011

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# Experience a new direction in entertainment

More congestion on the roads. More pressure on your time. These days, getting from A to B can be anything but a pleasure. But now there's a better way to reach your destination. At Sony we've combined our unique know-how in digital entertainment and communications with the skills of TomTom, leading provider of location and navigation solutions. The result: a dynamic range of Xplod<sup>™</sup> Audio Visual Navigation Systems that makes every journey unforgettable.

# In-dash navigation withTomTom navigation services

# Real-time road information provided by TomTom LIVE

Discover a brand new generation of in-car AV Navigation Systems by Sony. Uniting real-time information and spectacular multimedia entertainment, they're the ultimate choice for today's busy road users.

Beautifully styled to enhance any vehicle, the XNV-L77BT and L66BT blend state-of-the-art multimedia control with cutting edge navigation services. Teaming stunning audio and video performance with safety-conscious features, they're designed to take full advantage of TomTom Live services like HD Traffic™, Local Search with Google™ and Safety Alerts.



### The best traffic information with HD Traffic™

Get the most sophisticated, up-to-date traffic information available with High Definition Traffic<sup>™</sup>. Updated every few minutes, you'll learn about delays and other incidents almost as soon as they happen. HD Traffic<sup>™</sup> is a revolution in traffic information that offers the broadest coverage plus the most updates from the best sources.



### Drive safer with Safety Alerts

More vehicles and the pressure of greater speeds by other road users make it vital to have a clear picture of what's ahead. Safety Alerts give you advanced, real time warning of fixed safety cameras, mobile safety cameras and accident black spots. You'll get more time to adjust your speed and anticipate road conditions for safer driving.



### TomTom Weather

Check weather conditions and ensure a safer, more comfortable journey. Making travel plans is easier than ever with TomTom Weather that provides local daily and five-day forecasts, delivered direct to your screen in real time.

### Local Search with Google™

Imagine you've just arrived in town and need to find the best Thai restaurant. Or perhaps you want to buy some flowers on the way home. Local Search with Google™ lets you tap into the world's largest local search database, straight from your in-dash navigation unit. Enter any search term, find matching locations and you're on your way.

### Fast starts with QuickGPSFix<sup>m</sup>

Save precious seconds and get a quicker start to your journey. QuickGPSFix<sup>™</sup> cuts the time to fix your GPS position, even when satellite signals are weak or partially blocked by buildings or trees. You'll be accurately located and ready to go in 30 seconds or less.

### тоттот



### More accuracy with MapShare™

Map Share<sup>™</sup> lets you enhance and personalise maps with new roads and route characteristics so you've always got the best possible guidance. Get map updates from the vast network of Map Share<sup>™</sup> users, and share your own updates with other users via MyTom-Tom. Set the confidence level you feel happy with: we suggest only accepting updates that are verified by TomTom or from a large number of users.



# Stay up to date with MyTomTom

Download the latest navigation software updates, get new maps, access free content and more. Just remove the TomTom Navigation Module from your vehicle and connect to your computer via USB.



### Smarter journeys with IQ Routes™

Only TomTom uses actual speed data collected from millions of users to calculate the quickest routes at any instant. IQ Routes™ factors in rush-hour delays, zebra crossings, school dropoffs, traffic lights and even shopping hotspots at 5-minute intervals throughout the day. You'll benefit from the most accurate route planning possible, saving you time and money.



### Advanced lane guidance

Never miss another turn. Advanced Lane Guidance provides extra clarity when you're negotiating tricky intersections or motorway exits. Clear 3D-style images highlight the right lane, taking through the most complex junctions with confidence.



### Split screen control

See two different types of information displayed side by side. Control your music library on one part of the screen while viewing navigation on the other. Switch between views at any time using the touchscreen.

### Drive Europe

You're ready to explore the continent with intelligent maps covering 45 European countries. Advanced graphics and IQ Routes<sup>™</sup> speed profiles suggest the quickest route at any time of day. Detailed information on local points of interest puts the answers you need at your fingertips.



### Speed pulse

Direct connection to the vehicle's speed pulse generator provides accurate speed information. This supplements speed data calculated by satellite signals, giving an even more precise fix of your speed and position when you're navigating tightly-packed city streets or even in a tunnel.



# In-dash entertainment



### See clearly with high resolution screens

Enjoy a wealth of visual entertainment with double-DIN head units that integrate easily into your vehicle's centre console. There's a choice of 17.8cm (7") and 15.5cm (6.1") wide VGA touchscreens that put everything right there at your fingertips. The ultra-bright WVGA screen displays videos, album artwork and more with an extra-high resolution of 800×480 pixels.

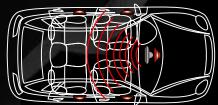


Easily connect a wide range of digital music players to your in-car unit, including iPod, iPhone and Walkman<sup>®</sup> as well as USB drives. Everything's controlled from the touch screen interface: your player's battery even recharges while you're listening.



## video playback

The optional RC-202IPV video cable connects your iPod with all Xplod<sup>™</sup> XAV and XNV head units for quick, easy access to your iPod audio and video files.



### More control over perfect sound

Advanced Sound Engine (ASE) combines advanced digital audio technologies by Sony to give you unprecedented power over creating perfect in-car sound with any music source. Centre Speaker Organiser recreates the power and precision of 5.1 channel surround sound by placing an additional 'virtual' speaker right in the centre of your dashboard.



### Match your mood with SensMe™

Intuitive application that intelligently analyses your music collection. SensMe<sup>™</sup> automatically groups tracks into themed channels: just choose a favourite to suit driving conditions or your mood. It's the smarter, simpler way to manage and enjoy all your music collection.

## Bluetooth

### Integrated Bluetooth® technology

It's never been easier to take calls safely and enjoy streaming audio while you're at the wheel. Connect compatible devices wirelessly to the head unit and easily choose between hands-free calling or audio streaming.



### Stress-free fingertip control

Touch the high-resolution screen and a virtual control panel pops up for safer, simpler control of play, pause, shuffle and other functions. Choose albums and change tracks by sliding your finger from side to side or up and down the screen.



### Rear view camera compatible

Connect the XA-R800C rear view camera (available separately) for peace of mind when manoeuvring, especially with larger vehicles or where rear visibility is restricted. Wide viewing area and adjustable parking guidelines give extra convenience while reversing.

# For your perfect fit

9

-

10:01

80 MAX

74 KPH



Whatever car you drive, we've made it easier than ever to integrate your Xplod<sup>™</sup> in-dash head unit. Your professional installer can take care of seamlessly incorporating the head unit into your vehicle's centre console. What's more, they'll be able to integrate remote operation of head unit functions with the fingertip controls on your steering wheel. With Sony you're already on the right road to a more entertaining journey in style and safety.

800

PASSENGER AIR BAC



12:31

2:30 HRS

P

96 KM

# **In-dash navigation**



# XNV-L77BT

Bluetooth® Audio Visual Navigation System with motorised 17.8cm (7") WVGA touchscreen and Rear USB for iPod/iPhone/Walkman® connection

- HD Traffic<sup>™</sup> delivers the most up-to-date traffic information on the road live to your dashboard
- Safety Alerts keeps you aware of traffic cameras and accident black spots
- Tap into the world's largest database of shops and businesses, wherever you go by using Local Search with Google™
- TomTom Map puts routes across 45 European countries at your fingertips
- IQ Routes™ suggests the fastest and smartest routes using actual speed data from
- millions of users
   MyTomTom future-proofs your in-dash navigation with map and content updates plus new services



### Recommended accessories



# *(icLIVE*



### **XNV-L66BT**

Bluetooth<sup>®</sup> Audio Visual Navigation System with 15.5cm (6.1") WVGA touchscreen and Rear USB for iPod/iPhone/Walkman<sup>®</sup> connection

- HD Traffic™ delivers the most up-to-date traffic information on the road live to your dashboard
- Safety Alerts keeps you aware of traffic cameras and accident black spots
- Tap into the world's largest database of shops and businesses, wherever you go by using Local Search with Google™
- TomTom Map puts routes across 45 European countries at your fingertips
- IQ Routes<sup>™</sup> suggests the fastest and smartest routes using actual speed data from
- millions of users
   MyTomTom future-proofs your in-dash navigation with map and content updates plus new services





# In-dash entertainment









# XAV-72BT

### Bluetooth<sup>®</sup> Audio Visual Centre with motorised 17.8cm (7") WVGA touchscreen and Rear USB for iPod/iPhone/Walkman<sup>®</sup> connection

- Bluetooth<sup>®</sup> for hands-free talking and music streaming
- Supplied XA-MC10 external microphone
- MP3/WMA/AAC/Xvid/JPEG and MPEG-4 Simple Profile codec compatible
- High resolution motorised 17.8cm/7" WVGA touchscreen
- Powerful sound with 4 × 52W S-MOSFET amplifier
- SensMe™ organises your music into different moods
- Quick, easy searches through hundreds of music tracks with ZAPPIN™
- Centre Speaker Organiser and Intelligent Time Alignment
   technologies for high quality sound
   Low-pass and high-pass filter
   Recommended accessories
- Low-pass and high-pass filters for flexible sound customisation
- 3 × 4 Volt pre-out for system expandability



Bluetooth

liPod DiPhone

₩.

For / Pour / Para Walkman®

Rear iPod, USB

Bluetooth

BiPod IPhone

₩.

or / Pour / Para Molkmon/8

Front iPod,USB

**□**iPod **□**iPhone

₩.

RC-2021PV

RC-2021PV

### XAV-62BT

Bluetooth<sup>®</sup> Audio Visual Centre with 15.5cm (6.1") WVGA touchscreen and Front USB for iPod/iPhone/Walkman<sup>®</sup> connection

- Bluetooth® for hands-free talking and music streaming
- Supplied XA-MC10 external microphone
- MP3/WMA/AAC/Xvid/JPEG and MPEG-4 Simple Profile codec compatible
- High resolution 15.5cm/6.1" WVGA touchscreen
- Powerful sound with 4 × 52W S-MOSFET amplifier
- SensMe^ ${\ensuremath{^{\rm TM}}}$  organises your music into different moods
- Quick, easy searches through hundreds of music tracks with ZAPPIN™
- Centre Speaker Organiser and Intelligent Time Alignment technologies for high quality sound
   Low-pass and high-pass filters for
- Low-pass and high-pass filters for
   flexible sound customisation
- 2 × 2 Volt pre-out for system
- expandability

## XAV-622

### Audio Visual Centre with 15.5cm (6.1") WVGA touchscreen and Front USB for iPod/iPhone/Walkman<sup>®</sup> connection

A-R8000

- MP3/WMA/AAC/Xvid/JPEG and MPEG-4 Simple Profile codec compatible
- High resolution 15.5cm/6.1" WVGA touchscreen
- Powerful sound with 4 × 52W S-MOSFET amplifier
- SensMe<sup>™</sup> organises your music into different moods
   Quick, easy searches through hundreds of music tracks
- with ZAPPIN™ • Centre Speaker Organiser and Intelligent Time Alignment technologies for high quality sound
- Low-pass and high-pass filters for
- flexible sound customisation
   2 × 2 Volt pre-out for system expandability





# Connect with great sounding music

### When you want to take your music with you, MP3 players have taken the place of a stack of CDs. The Xplod™ DSX series is an exciting new concept in car audio that reflects today's digital lifestyles.

Forget the days of messy cables connecting to your car's head unit and loose players rattling around in the glove compartment. The DSX range cleverly eliminates these problems with Tune Tray, the smartest way to connect with your music on the move. Tune Tray stows your player neatly inside the head unit. No fuss, no untidy wires. Just great sounding music that you're in control of.



### High contrast display

The sleek, detachable faceplate of the DSX-S100 features a 2-line high contrast LCD display. The DSX-S300BTX and DSX-S200X offer a clear, bright OEL 4-line display that shows the same information you're used to seeing on your digital music player.

### Tune tray

Cut down on cabin clutter while you enjoy great-sounding music. Hidden behind the head unit's front panel, Tune Tray discreetly stores your music player or USB memory. Connect directly with a huge range of popular music players including iPod Classic, iPod Touch, iPod nano and Walkman<sup>®</sup>. Then say goodbye to messy wires while protecting your player from accidental damage.

# For iPod,USB

### **Dual USB connection** Stay connected with even more music.

Stay connected with even more music. An extra USB port lets you hook up a portable player, smartphone or flash drive while your other player stays connected in the Tune Tray (DSX-S200X and DSX-S300BTX only).



### SensMe™ channels

Intuitive application that intelligently analyses your music collection. SensMe<sup>™</sup> channels automatically groups tracks into themed channels: just choose a favourite to suit driving conditions. It's the smarter, simpler way to manage and enjoy all your music collection.



### Device inside aler

Never forget your digital music player again. After the vehicle engine's switched off, an audible and visual warning signals that your music player is still inside the Tune Tray. You'll also get a clear visual alert if your player is still inside when the head unit's faceplate is removed.

# **Digital music receivers**



52W×4 **W**h

MP3 WMA AAC DIGITAL MUSIC PLUS

\*Do not place a cellular phone or a device with wireless communication functions on the Tune Tray, as it may not receive phone signals or communication may be terminated.

## DSX-S300BTX

Bluetooth® Digital Music Receiver with Tune Tray and Double USB for your digital music player

- Bluetooth® for hands-free talking and music streaming
- Phone Book Access
- Built-in microphone for hands free calls
- Powerful sound with 4 × 52W S-MOSFET amplifier
- Tune Tray behind front panel securely stores your music player Double (Front + Inside) USB connection for iPod/iPhone, Walkman<sup>®</sup> and other MP3 players\*
- Easy to read, informative 4-line Full-Dot OEL display
- SensMe<sup>™</sup> channels organises your music into different moods
- Advanced Sound Engine with digital signal processing
- for perfect in-car sound
- 'Device Inside Alert' gives visual and audible reminder when digital music player is left in vehicle
- Supplied XA-50IP iPod adapter and RM-X305 card remote control



Bluetooth

**∂**iPod **□**iPhone





MP3 WMA AAC DIGITAL MUSIC PLUS

\*Do not place a cellular phone or a device with wireless communication functions on the Tune Tray, as it may not receive phone signals or communication may be terminated.



52W×4 🛃 ZAPPIN<sup>®</sup> Q *Quick-BrowZer* MP3 WMA AAC DIGITAL MUSIC PLUS

# DSX-S200X

#### Digital Music Receiver with Tune Tray and Double USB for your digital music player

- Powerful sound with 4 × 52W S-MOSFET amplifier
- Tune Tray behind front panel securely stores your music player
- Double (Front + Inside) USB connection for iPod/iPhone, Walkman<sup>®</sup> and other MP3 players\*
- Easy to read, informative 4-line Full-Dot OEL display
- SensMe<sup>™</sup> channels organises your music into different moods
- Advanced Sound Engine with digital signal processing for perfect in-car sound
- 'Device Inside Alert' gives visual and audible reminder when digital music player is left in vehicle
- Supplied XA-50IP iPod adapter and RM-X174 card remote control



Recommended accessorv

XA-50WM

## **DSX-S100**

#### Digital Music Receiver with Tune Tray for your digital music player

- Powerful sound with 4 × 52W S-MOSFET amplifier
- Tune Tray behind front panel securely stores your music plaver
- Inside USB connection for iPod, Walkman® and other MP3 players
- Front Auxiliary input for easy MP3 player connection
- Informative 2-line high contrast LCD display
- 'Device Inside Alert' gives visual and audible reminder when digital music player is left in vehicle
- Supplied XA-50IP iPod adapter



Recommended accessory

XA-50WM



Digital Music Receivers



35,000 COLORS

### Dynamic Colour Illuminator

Matches your head unit's panel illumination to complement your existing vehicle lighting components. With selectable Sound Synchronization, colour changes are in time with the audio source.

### Detachable face with front aux in

with front aux in Easy-to-read single line LCD display shows clock, station ID and track data when playing back digital MP3/WMA files from the internal CD drive. Front auxiliary input lets you connect almost any portable audio device to your vehicle's sound system.



### Advanced Sound Engine

Combines EQ7 equalizer, adjustable LPF/HPF crossovers, Listener Position calibration, DM+ advanced sound restoration, Rear Bass Enhancer and Dynamic Loudness volume leveller to create an ideal in-car listening environment.



### connection

Easily accessible front panel connector lets you charge and control your iPod, iPhone, Walkman<sup>®</sup> player or other compatible USB devices. View song titles, artist name and other track metadata on the front panel display.

### **RCA** outputs

When you're ready to expand your sound system, entry models offer selectable rear or subwoofer pre-amp RCA outputs for external amplifiers. Advanced models offer three separate outputs for front, rear and sub outputs. Set the built-in electronic HPF/LPF crossovers to improve sound quality and reduce system distortion.



### Intuitive search features: Quick-BrowZer™ and ZAPPIN™

Quick-BrowZer™ helps you track down music by artist, album, genre, song or playlist. Jump Mode fast forwards through your library, while ZAPPIN™ plays a short snatch of each track to help you find your favourite songs.

### Passenger control

Passenger Control lets your co-pilot control your iPod via a connected wire as they scan through your music, artist and album information is conveniently shown on the receiver display.



# **MEX-BT2900**

#### Bluetooth® MP3/CD head unit with Front AUX-IN connection

- Bluetooth<sup>®</sup> for hands-free talking and music streaming
- Built-in microphone for hands free calls
- Powerful sound with 4 × 52W S-MOSFET amplifier
- Front Auxiliary input to connect compatible MP3 player
- Phone Book Access
  2 volt pre-out for system expandability
- Low-pass and high-pass filters for improved sound customisation
- Steering wheel remote adapter ready
- Blue key illumination



52W×4 😔 ZAPPIN" Q Quick-BrowZer 🗿 EQ3 parametric CD-R/RW MP3 WMA AAC DIGITAL MUSIC PLUS DSO

## CDX-GT740UI

### MP3/CD head unit with Front USB for iPod/iPhone/Walkman<sup>®</sup> connection

- Powerful sound with 4 × 52W S-MOSFET amplifier
- Front USB for direct control of connected iPod/iPhone/ Walkman<sup>®</sup>, plus playback compatibility with USB flash drives
- Front Auxiliary input to connect compatible MP3 player
- Informative 3-line display
- Quick-BrowZer™ and ZAPPIN™ for easy music searches
   DM+ restores lost frequencies from compressed digital music tracks
- Steering wheel remote adapter ready
- Blue/Red/Green key illumination
- Supplied card remote control RM-X174





52W×4 Sensor 2007 2 ZAPPIN Q Quick-BrowZer CD-R/RW MP3 WMA AAC DIGITAL MUSIC PLUS

## **CDX-GT650UI**

Variable illumination MP3/CD head unit with Front USB for iPod/iPhone/ Walkman® connection

• Powerful sound with 4 × 52W S-MOSFET amplifier

**BRE EQ7** 

- Front USB for direct control of connected iPod/iPhone/ Walkman<sup>®</sup>, plus playback compatibility with USB flash drives
- Front Auxiliary input to connect compatible MP3 player
- SensMe<sup>™</sup> channels organises your music into different moods
- Quick-BrowZer™ and ZAPPIN™ for easy music searches
- DM+ restores lost frequencies from compressed digital
- music tracks
  Low-pass and high-pass filters for improved sound customisation
- Steering wheel remote adapter ready
- Adjustable illumination to colour-match your dash
- Supplied card remote control RM-X151







Front AUX



### 52W×4 ENGINE 😔 ZAPPIN" Q Quick-BrowZer

CD-R/RW MP3 WMA AAC DIGITAL MUSIC PLUS

## CDX-GT550UI

### MP3/CD head unit with Front USB for iPod/iPhone/Walkman® connection

- Powerful sound with 4 × 52W S-MOSFET amplifier
- Front USB for direct control of connected iPod/iPhone/ Walkman<sup>®</sup>, plus playback compatibility with USB flash drives
- Front Auxiliary input to connect compatible MP3 player
- Quick-BrowZer™ and ZAPPIN™ for easy music searches
   DM+ restores lost frequencies from compressed digital music tracks
- Low-pass and high-pass filters for improved sound customisation
- · Steering wheel remote adapter ready
- Blue/Green key illumination



## CDX-GT450U

#### MP3/CD head unit with Front USB and AUX-IN connection

- Powerful sound with 4 × 52W S-MOSFET amplifier
- Front USB for connection to Walkman<sup>®</sup>, USB flash drives and other compatible devices
- Front Auxiliary input to connect compatible MP3 player
- Quick-BrowZer  $^{\rm \tiny M}$  and ZAPPIN  $^{\rm \tiny M}$  for easy music searches
- DM+ restores lost frequencies from compressed digital music tracks
- Low-pass and high-pass filters for improved sound customisation
- Steering wheel remote adapter ready
- Amber key illumination



45W×4 😔 ZAPPIN" Q Quick-BrowZer RE EQ3 stage2 CD-R/RW MP3 WMA AAC DIGITAL MUSIC PLUS

### CDX-GT35U

#### MP3/CD head unit with Front USB and AUX-IN connection

- Powerful sound with 4 × 45W S-MOSFET amplifier
- Front USB for connection to Walkman<sup>®</sup>, USB flash drives and other compatible devices
- Front Auxiliary input to connect compatible MP3 player
- Quick-BrowZer™ and ZAPPIN™ for easy music searches
- DM+ restores lost frequencies from compressed digital music tracks
- Low-pass filter for improved sound customisation
- · Steering wheel remote adapter ready
- Red key illumination





₩.

Front USB 🔳

Front AUX

14



45W×4 RE EQ3 stage2 cd-r/rw MP3 WMA

# CDX-GT250MP

#### MP3/CD head unit with Front AUX-IN connection

- Powerful sound with 4 × 45W S-MOSFET amplifier
- MP3/WMA compatible CD player
- Front Auxiliary input to connect compatible MP3 player
- 2 volt pre-out for system expandability
- Low-pass and high-pass filters for improved sound customisation
- Steering wheel remote adapter ready
- Red key illumination



#### Also available



CDX-GT252MP

	Illumi-	Bluetooth		Connectivity				User Interface			Audio Features							
		BT	Ext. MIC	CD	USB	Audio Aux	Walk- man	iPod/ iPhone	Quick- BrowZer™	ZAPPIN™	SensMe™	Power	ASE	EQ	HPF/LPF	DM+	DSO	Pre Out
DSX-S300BTX		•	option		dual		•	•/•	•	٠	channels	52	٠	EQ7	+slope	•		3-Pre 4V
DSX-S200X	••				dual		•	●/●	•	•	channels	52	٠	EQ7	+slope	•		3-Pre 4V
DSX-S100	•				inside	front	•	•/-	•	•		52		EQ3	•	•		2-Pre
MEX-BT2900	•	•		٠		front						52		EQ3	•			Rear/Sub
CDX-GT740UI				•	front	front	•	•/•	•	•		52		EQ3	•	•		3-Pre 4V
CDX-GT650UI				•	front	front	•	•/•	•	•	channels	52	٠	EQ7	+slope	•		3-Pre
CDX-GT550UI	••			•	front	front	•	•/•	•	•		52	٠	EQ7	+slope	•		Rear/Sub
CDX-GT450U	•			•	front	front	•		•	•		52	٠	EQ7	+slope	•		Rear/Sub
CDX-GT35U	•			•	front	front	•		•	•		45		EQ3	•	٠		Rear/Sub
CDX-GT250MP	•			•		front						45		EQ3	•			Rear/Sub





# Speakers, subwoofers and amplifiers

### The world's first 6x12" speaker

Bigger speakers for an even bigger sound.
Larger woofer cone area than normal (6 × 12" / 15.24 × 30.48 cm as compared to 6 × 9" / 15.24 × 22.86 cm)

- Louder, deeper bass without compromising additional cargo space
- Rated power/peak power of 100W/400W (for XS-GTF6120)

subwoofers and amplifiers

Speakers,

1



### Dual voice coils

Enjoy extreme flexibility in deciding how you want to hook up your system, with series or parallel connection.

- Choose 2Ω parallel connection for high power drive with Class-D amplifiers
- Choose 8Ω series connection for stable drive with Class-AB amplifiers

A PLAN AN



### New cone materials Super rigid woofer cone for l

Super rigid woofer cone for better response. Mica reinforced cellular glass fibre composite cone

Extreme rigidity means no cone deformation Rigid cone produces tighter, better-sounding

# Dimpled subwoofer

 Light cone weight and higher sound pressure level
 Dimple alignment optimised to maintain rigidity



## **XS-GTF6120**

### 6 x 12" 3-Way Coaxial Speaker

- Peak power: 400W
- Rated power: 100W
- Frequency response: 32-22KHz
- Stroke stabiliser surround
- Mica reinforced cellular cone woofer for rich deep bass
- PEN (Polyethylene naphthalate) mid for smooth, clear highs



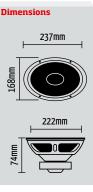


# **XS-GTX6931**

#### 6 x 9" 3-Way Coaxial Speaker

- Peak power: 400W
- Rated power: 100W .
- Frequency response: 45-22KHz
- Stroke stabiliser surround
- H.O.P. + aramid fibre cone woofer for rich, deep bass PEN (Polyethylene naphthalate) mid for smooth, clear







# **XS-GTX1741**

#### 17cm 4-Way Coaxial Speaker

- Peak power: 300W .
- . Rated power: 75W
- Frequency response: 50-24KHz .
- Easy-fit design for simple installation with wide range
- of vehicles
- Stroke stabiliser surround
- H.O.P. + aramid fibre cone woofer for rich, deep bass . PEN (Polyethylene naphthalate) mid for smooth, clear highs



## **XS-GTX1621S**

### 16cm 2-Way Separate Speaker

- Peak power: 260W
- Rated power: 60W
- Frequency response: 50-30KHz .
- Surface, angle and flush mounting tweeter installation options
- H.O.P. + aramid fibre cone woofer for rich, deep bass
- . Soft-dome tweeter for smooth, natural highs



Dimensions

158mm

126mm







## **XS-GTX1341**

#### 13cm 4-Way Coaxial Speaker

- Peak power: 220W
- Rated power: 50W
- Frequency response: 60-24KHz
- Stroke stabiliser surround
- H.O.P. + aramid fibre cone woofer for rich, deep bass
   PEN (Polyethylene naphthalate) cone for smooth, clear highs





# **XS-GTR1720**

#### 17cm 2-Way Coaxial Speaker

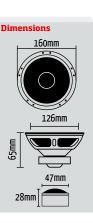
- Peak power: 320W
- Rated power: 75W
- Frequency response: 45-32KHz
- Mica reinforced cellular woofer cone for tight, deep bass
- Aluminium dome tweeter for crystal clear high
- Bi-amp: dual speaker terminals allow separate connection of woofer and tweeter



### **XS-GTR1720S**

#### 17cm 2-Way Separate Speaker

- Peak power: 350W
- Rated power: 75W
- Frequency response: 45-36KHz
- Mica reinforced cellular woofer cone for tight, deep bass
- Aluminium dome tweeter for crystal clear highs
   Surface, angle and flush mounting tweeter installation
- options - High quality crossover network with bi-amp (woofer/ tweeter) connection capability





## XS-H2OS

#### Component tweeter

- Peak power: 130W (Crossover network connected)
- Rated power: 40W (Crossover network connected)
- Frequency response: 5k-36KHz
- Tetron fibre soft dome tweeter
- Neodymium magnet
- Multiple mounting options
- 6 dB/octave inline crossover









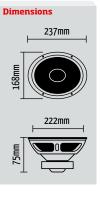
Compon • Peak p



# **XS-F6937SE**

#### 6 × 9" 3-Way Coaxial Speaker

- Peak power: 300W
- Rated power: 60W
- Frequency response: 40-22KHz
- H.O.P. + aramid fibre cone woofer for rich, deep bass
- PEN (Polyethylene naphthalate) mid for smooth, clear highs





## **XS-F6927SE**

### 6 × 9" 2-Way Coaxial Speaker

- Peak power: 280W
- Rated power: 60W
- Frequency response: 40-22KHz
- H.O.P. + aramid fibre cone woofer for rich, deep bass
- PEN (Polyethylene naphthalate) tweeter for smooth, clear highs





## **XS-F1737SE**

#### 17cm 3-Way Coaxial Speaker

- Peak power: 200W
- Rated power: 40W
- Frequency response: 50-24KHz
- Easy-fit design for simple installation with wide range of vehicles
- H.O.P. + aramid fibre cone woofer for rich, deep bass
- PEN (Polyethylene naphthalate) mid for smooth, clear highs





# XS-F1727SE

#### 17cm 2-Way Coaxial Speaker

- Peak power: 190W
- Rated power: 40W
- Frequency response: 50-24KHz
- Easy-fit design for simple installation with wide range of vehicles
- H.O.P. + aramid fibre cone woofer for rich, deep bass
- PEN (Polyethylene naphthalate) tweeter for smooth, clear highs

**19** Speakers

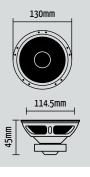




## XS-F1337SE

#### 13cm 3-Way Coaxial Speaker

- Peak Power: 160W
- Rated Power: 40W
- Frequency response: 60-24KHz
- H.O.P. + aramid fibre cone woofer for rich, deep bass
   PEN (Polyethylene naphthalate) mid for smooth, clear highs



Dimensions



## **XS-F1327SE**

### 13cm 2-Way Coaxial Speaker

- Peak power: 150W
- Rated power: 35W
- Frequency response: 60-24KHz
- H.O.P. + aramid fibre cone woofer for rich, deep bass
- PEN (Polyethylene naphthalate) tweeter for smooth, clear highs





## **XS-F1037SE**

### 10cm 3-Way Coaxial Speaker

- Peak power: 140W
- Rated power: 30W
- Frequency response: 60-24KHz
- H.O.P. + aramid fibre cone woofer for rich, deep bass
   DEN (Delugebudges arachid bit )
- PEN (Polyethylene naphthalate) mid for smooth, clear highs





# **XS-F1027SE**

### 10cm 2-Way Coaxial Speaker

- Peak power: 130W
- Rated power: 30W
- Frequency response: 60-24KHz
- H.O.P. + aramid fibre cone woofer for rich, deep bass
   PEN (Polyethylene naphthalate) tweeter for smooth, clear
- highs



# **Subwoofers**









## **XS-GTR100L**

#### 10" Dimpled Cone Subwoofer

- Peak power: 1200W
- Rated power: 330W
- Frequency response: 35Hz-1000Hz
- Dimpled woofer cone for light weight and high sound pressure level bass
- 5-sided polypropylene capless cone for lower distortion and louder, deeper bass
- Injected Polypropylene diaphragm
- Stroke stabiliser
- Rubber surround

## XS-GTR120L

#### 12" Dimpled Cone Subwoofer

- Peak power: 1300W
- Rated power: 380W
- Frequency response: 30Hz-1000Hz
- Dimpled woofer cone for light weight and high sound pressure level bass
- 5-sided polypropylene capless cone for lower distortion and louder, deeper bass
- 'Injected Polypropylene diaphragm'
- Stroke stabiliser
- Rubber surround

## XS-GTX121LD

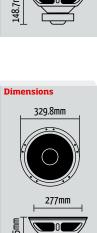
12" Enclosure-Type P5 Dual Voice Coil Subwoofer

- Peak power: 1200W
- Rated power: 350W
- Frequency response: 30Hz-1000Hz
- Dual Voice coil allows series or parallel connection for greater system flexibility
- 5-sided polypropylene capless cone for lower distortion and louder, deeper bass
- Injected Polypropylene diaphragm
- Stroke stabiliser
- Rubber surround

## **XS-LD126P5**

12" Enclosure-Type P5 Dual Voice Coil Subwoofer

- Peak power: 1500W
- Rated power: 400W
- Frequency response: 30Hz-1000Hz
- Dual Voice coil allows series or parallel connection for greater system flexibility
- 5-sided polypropylene capless cone for lower distortion and louder, deeper bass
- Mica reinforced cellular with glass fibre composite diaphragm
- Stroke stabiliser
- Rubber surround



230mm



Dimensions

330mm



21 Subwoofers



# **Subwoofers**









## XS-L156P5

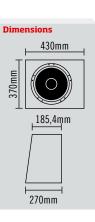
### 15" Enclosure-Type P5 Subwoofer

- Peak power: 1500W
- Rated power: 450W
- Frequency response: 22Hz-1000Hz
- 5-sided polypropylene capless cone for lower distortion and louder, deeper bass
- Mica reinforced cellular with glass fibre composite diaphragm
- Stroke stabiliser
- Rubber surround

## XS-GTX121LC

#### 12" Compact Size Boxed Subwoofer

- Peak power: 1000W
- Rated power: 300W
- Frequency response: 32Hz-1000Hz
   S-sided polypropylong capless cone for
- 5-sided polypropylene capless cone for lower distortion and louder, deeper bass
- Stroke stabiliser
- Rubber surround
- Compact design for installation flexibility



Dimensions

364.5mm

445mm

## XS-GTX121LS

#### 12" Slim Size Boxed Subwoofer

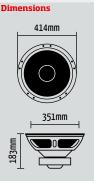
- Peak power: 1000W
- Rated power: 300W
- Frequency response: 42Hz-1000Hz
- 5-sided polypropylene capless cone for lower distortion
- and louder, deeper bass
- Stroke stabiliser
- Rubber surround
- Shallow design for Installation flexibility

# XS-GTX150LE Dia 15" Enclosure-Type P5 Boxed Subwoofer Image: Comparison of the second sec

- Peak power: 1300W
- Rated power: 400W
- Frequency response: 30Hz-1000Hz
- 5-sided polypropylene capless cone for lower distortion and louder, deeper bass
- Stroke stabiliser
- Rubber surround
- Gold plated binding posts
- Compact dimensions



175mm







# Amplifiers







#### Asymmetric 4/3 Channel Stereo Power Amplifier

- Peak power: 1200W .
- Rated power:  $60W \times 2(4\Omega) + 125W \times 2(4\Omega)$
- Low-pass filter: 50-300Hz, variable
- High-pass filter: 50-300Hz, variable
- Subsonic filter for rear channel: 15Hz
- Low boost (40Hz, +10dB) .

## **XM-GTR7040**

#### 4/3/2 Channel Stereo Power Amplifier

- Peak power: 700W
- Rated power:  $70W \times 4(4\Omega)$ .
- Low-pass filter: 50-300Hz, variable
- High-pass filter: 50-300Hz, variable .
- Subsonic filter for front and rear channel: 6-70Hz, variable
- Low boost (40Hz, +10dB)

# **XM-GTR2202**

#### 2/1 Channel Stereo Power Amplifier

- Peak power: 1400W (BTL at  $4\Omega$ ) •
- Rated power: 220W × 2 .
- Low-pass filter: 50-300Hz, variable .
- Subsonic filter: 6-70Hz, variable .
- Low boost (40Hz, +10dB) .



- Rated power: 600W (2Ω), 330W (4Ω) Low-pass filter: 50-300Hz, variable
- Subsonic filter: 6-70Hz, variable
- Low boost (40Hz, +10dB)





# Amplifiers



# **XM-GTX6040**

#### 4/3 Channel Stereo Power Amplifier

- Peak power: 600W
- Rated power:  $60W \times 4(4\Omega)$
- Low-pass filter: 80Hz
- High-pass filter: 80Hz



## **XM-GTX6020**

### 2/1 Channel Stereo Power Amplifier

- Peak power: 350W (4 $\Omega$ ) .
- Rated power:  $60W \times 2(4\Omega)$
- Low-pass filter: 80Hz

# Accessories



## **XA-R800C**

### Rear view camera

- Adjustable parking guidelines .
- Colour CCD sensor lens with 16:9 aspect ratio
- Flexible mounting options with adjustable tilt
- 3m camera cable and 5m video cable supplied
- 138 degrees horizontal and 92 degrees vertical viewing area



## XA-MC10

#### Hands-free external microphone for enhanced sound quality

- Optional external unidirectional microphone for DSX-S300BTX
- Also compatible with XAV-72BT/62BT and XNV-L77BT/L66BT
- 4m cable and mounting clip



### XA-50WM Walkman<sup>®</sup> adaptor for DSX

- Connects your Walkman® directly
- to any Xplod™ DSX series head unit
- Compact size with no messy cables Fits inside Xplod<sup>™</sup> DSX series Tune Tray

A Amplifiers and Accessories





#### USB and Video connection cable for iPod and iPhone

- Supports on-screen audio/video playback from iPod/iPhone, including album artwork
- Provides device control and charging
- 0.9m extended cable length for easy connectivity and placement of iPod/ iPhone



# Marine



52W×4 🛃 ZAPPIN°Q Quick-BrowZer EQ3 stage2 DSO CD-R/RW MP3 WMA AAC DIGITAL MUSIC PLUS

## CDX-HR910UI

Marine CD/MP3/WMA/AAC player with Rear USB for iPod/iPhone and Walkman<sup>®</sup> connection

#### AUDIO FEATURES

- Powerful sound with 4 × 52W S-MOSFET amplifier
- Rear USB for direct control of connected iPod/iPhone/ Walkman<sup>®</sup>, plus playback compatibility with USB flash drives
- Quick-BrowZer™ and ZAPPIN™ for easy music searches
- Aux-In (Rear / RCA)

#### MARINE FEATURES

- Conformal coating for circuit board
- Plastic cover for chassis
- Anti-rust reinforcement (anti-rust screw for front and sub panel)
- Splash-proof (IPx5)
- UV exposure resistant (ASTM G154)
- Salt fog exposure resistant (ASTM B117)
- Memory backup feature
- Direct sunlight viewable display (white LCD)





### Recommended accessory





52W×4 🛃 ZAPPIN®Q Quick-BrowZer EQ3 stage2 DSO CD-R/RW MP3 VVMA AAC DIGITAL MUSIC PLUS

## **CDX-MR60UI**

Marine CD/MP3/WMA/AAC player with Rear USB for iPod/iPhone and Walkman<sup>®</sup> connection

#### AUDIO FEATURES

- 4 × 52W S-MOSFET high power output
- Rear USB for direct control of connected iPod/iPhone/ Walkman<sup>®</sup>, plus playback compatibility with USB flash drives
- Flip-down, detachable faceplate with 2-line, direct sunlight white LCD display
- Quick-BrowZer<sup>™</sup> and ZAPPIN<sup>™</sup> for easy music searches
- 3 × 2-volt pre-outs for ultimate system expandability

#### MARINE FEATURES

- Conformal coating for circuit board
- Plastic cover for chassis
- Anti-rust reinforcement (anti-rust screw for front and sub panel)
- UV exposure resistant (ASTM G154)
- Memory backup feature
- Direct sunlight viewable display (white LCD)





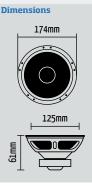
# Marine





#### 6" Marine 2-Way Coaxial Speaker

- Peak power: 160W
- Rated power: 45W
- Frequency response: 35Hz 26kHz
- Sensitivity: 91dB/W/m
- · Water resistant design IPx5 certified
- UV resistant tested under ASTM G154
- Salt resistant tested under ASTM B117
- Sait lesistant tested under ASTH DT





SONY

# **XS-MP1610W**

#### 6" Marine Dual Cone Speaker

- Peak power: 140W
- Rated power: 40W
- Frequency response: 40Hz 20kHz
- Sensitivity: 90dB/W/m
- Water resistant design IPx5 certified
- UV resistant tested under ASTM G154
- Salt resistant tested under ASTM B117



## GMD-616

#### Waterproof Car Stereo Cover

- Front mask opening type DIN
- · Compatible with all single DIN head units
- Durable injection moulded polycarbonate frame
- Weatherproofed with 0-ring seal



## RM-X60M

#### Marine Remote Commander

- 10.1cm (4") mounting diameter with scrolling LCD display
- Compatible with iPod control-ready head units
- Splash-proof IPX7 compliant design
- Also available in red illumination



5



# Glossary

#### EQ3 stage2 3-band equaliser (EQ3)

The EQ3 graphic equalizer features 7 preset modes (Xplod, Vocal, Club, Jazz, New Age, Rock and Custom) to create the perfect listening environment for your music. Custom mode allows adjustment of 3 frequency bands to suit your taste in music.

#### EQ7 7-band equaliser (EQ7)

EQ7 offers 7 equalizer options, and 7 preset modes (Xplod, Vocal, Edge, Cruise, Space, Gravity and Custom) to create the perfect listening environment for your music. Custom mode lets you adjust music to fit your individual listening preference.

#### AAC Advanced Audio Coding (AAC)

AAC is a standardised compression method for digital audio. AAC achieves better quality sound with smaller file sizes when compared to the MP3 format at the same bit rate. AAC is used as the standard audio format for many popular entertainment devices including the Sony PlayStation® 3.

#### Advanced Audio Distribution Profile (A2DP)

Industry standard protocol enables wireless music streaming from mobile phones and other Bluetooth® devices to compatible head unit.

#### **Advanced Sound Engine**

Includes features like Intelligent Time Alignment, Center Speaker Organiser (CSO), 7-band equaliser, high-pass and low-pass filters and three selectable levels of Rear Bass Enhancer to enable you to enjoy multi-channel sound to the fullest.

#### Bluetooth Bluetooth®

ADVANCED SOUND ENGINE

> Bluetooth<sup>®</sup> is a popular wireless communications standard designed to provide a means for sharing information between PCs, mobile phones and other peripherals via a secure short-range wireless connection.

#### Class D Class D

Class D Amplifiers distribute power with the use of output transistors as switches. These transistors switch between "off" and "on" when too much or little voltage runs through them. By effectively managing and controlling the flow of power, Class D Amplifiers deliver higher power output with reduced current and less heat dissipation, ensuring outstanding audio performance.

#### DIGITAL MUSIC PLUS Digital Music Plus (DM+) Advanced

This function automatically adjusts the treble and bass, changes phases, and adds higher harmonics for better sounds. Digital audio tracks are also processed through one of four optimisation modes depending on the compression ratio of the source for better results.

#### **Dual USB**

For those end-users who keep for example a USB drive in the Tune Tray while carrying around another portable player or smart phone such as the iPhone that's constantly updated with new tunes, the front and second USB connections come quite handy.

#### **Dual Voice Coils**

Offers greater flexibility during installation by giving the choice of parallel or series connection.

#### DSC Dynamic Soundstage Organiser (DSO)

Virtual 3D sound technology specially developed for in-vehicle use. Raises perceived position of sound source with speakers mounted low down in car doors for more satisfying, immersive audio reproduction.

#### Front AUX 🗃 Front Aux-In

Universal 3.5mm input for connection to head unit with portable digital music player.

#### Front USB 🔳 Front/Rear USB Input

Connect your digital music player or flash memory device. Then enjoy all your favourite sounds while controlling your connected USB device directly from the head unit.

#### Hands-Free Profile (HFP)

Industry standard connection supports hands-free mobile calls with Bluetooth  $^{\odot}$  phone and compatible head units.

#### HD Traffic™

HD

With HD Traffic<sup>™</sup> you get the most up-to-date traffic information available for your route. You receive detailed incident reports about the length and reason of the delay and the most accurate delay information. If any delays are found on your route, you are given the chance to re-plan a faster route avoiding one or more incidents.

### H.O.P Highly Oriented Polyolefin (HOP)

The HOP diaphragm achieves a much broader playback frequency bandwidth and improved transition characteristics – which means clearer, distortion-free sound is reproduced.

#### High-pass and low-pass filters

High-pass filters only allow high frequencies to pass through, suppressing low-end frequencies for a lighter bass sound. Low-pass filters attenuate high frequencies for a more powerful bass sound.

#### **Intelligent Time Alignment**

Adjusts timing of sound reaching the driver from different amplifier channels for an optimum listening experience.

#### *CELIVE* LIVE Services

LIVE Services offers the best real-time services straight to your in-car navigation device, all in one convenient bundle: HD Traffic™, Safety Alerts, Local Search with Google™, LIVE QuickGPSfix™ and Weather.

### Made for iPod/iPhone

Confirms that an electronic device or accessory has been designed to connect specifically to iPod or iPhone and has been certified by the developer to meet Apple performance standards. Apple is not responsible for operation of the device or its compliance with safety and regulatory standards.

#### marine Marine Series

The seaborne can now customise their sound experience with the new range of Marine Series speakers, designed for the boat/yacht interiors. Furnished from special materials like stainless steel screws and customised waterproof coating, you will be able to enjoy quality sound experience anywhere.

#### MP3 MP3

Popular digital format for playing music files converted from your CD collection or purchased online.



#### Phone Book Access Profile (PBAP)

Allows wireless access to mobile phone's contact list via Bluetooth<sup>®</sup> directly from head unit. Phone book contacts are listed alphabetically for quick, easy searches.

#### WMA Windows Media Audio (WMA)

WMA files can be easily played through the new and improved head unit technologies.

#### W-VGA

With over three times the resolution of previous LCD Screens, W-VGA combines the high-resolution of a TFT display with an improved high-brightness backlight that provides up to 190% the colour purity of previous models.



### Xvid

Efficient digital video codec that permits high quality video compression at low bit-rates. Allows near-DVD quality video playback with smaller file size than conventional formats.



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http://www.sony.co.uk/hub/car-audio