

SONY

MEX-GS820BT

High-Power GS Series CD Receiver with Bluetooth®

CD receiver with NFC and Dual Bluetooth⁵ connectivity, voice control, EXTRA BASS and a 4 x 100W¹ built-in amp.



- Dual Bluetooth connectivity lets you connect two smartphones simultaneously⁵
- Hi-power 100 watt x 4 Digital Amp (45W x 4 CEA RMS wattage)¹
- Take control with the Music Center app³
- Voice control with Siri Eyes Free² and Android
- Create virtual speakers in front of you with the Dynamic Stage Organizer
- AOA 2.0 compatible front and rear USB ports give you even more options for connecting various mobile devices.⁴

Powerful in-dash amplification¹

By incorporating a highly efficient class-D amplifier into the receiver, the WX-GS920BH can realize outstanding output power – 180W CEA2006 RMS (4 x 45W)¹ – from a compact body. The amp also minimizes the electromagnetic interference that can generate a hiss as volume levels increase, leaving you free to enjoy enhanced sound quality at any volume.

Pairing made easy⁵

NFC lets you connect your Bluetooth phone instantly. Just tap it once on the volume knob for easy pairing.⁵

Connect two smartphones, with Dual Bluetooth⁵

Pair one Bluetooth phone for access to navigation, music playback, and communication features. You can connect a second phone for making and receiving hands-free calls.⁵

Control with your voice

Use voice commands to get directions, play music, and communicate with contacts on your smartphone.

Bring Siri on the road²

Connect your iOS device to control music, navigation, messaging and more with Siri Eyes Free².

Take control with the Music Center app³

Available for both Android™ and compatible iOS devices. The Music Center™ app³ lets you use your smartphone or tablet as a convenient system remote. It can even access, select, and playback the music files stored on your compatible device. Got an Android phone? Use Music Center to manage music playback, read messages and control apps, by voice.

Plug in with AOA 2.0 compatible USB ports⁴

AOA 2.0 compatible front and rear USB ports give you even more options for connecting various mobile devices.⁴

Play FLAC files

FLAC compatibility lets you play lossless audio files, so you can enjoy every detail of the music.

Sirius XM Radio ready⁶

Connect your Sirius XM Radio satellite tuner⁶ (not supplied) to enjoy commercial-free music, sports, news and entertainment.

Works with Pandora⁷ (Most iOS and Android™)

Pandora® is the leading internet radio service, giving people music they love anytime, anywhere, through personalized radio stations. The receiver provides complete access to your Pandora account using most iPhone®, Android™ or BlackBerry® phones.⁷

Read easily with high-contrast LCD

With five times the contrast of conventional screens, plus an optimized viewing angle, the screen is always easy to read.

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Create virtual speakers right in front of you

Sound waves are directional, so if your speakers are in your doors or under your dash, the audio may seem muddy or unclear. Dynamic Stage Organizer adjusts the signal, improving the stereo positioning so music sounds like it's coming from right in front of you.

Bring out the bass

Hit the EXTRA BASS button for deep, punchy sound at any volume. Switch between two settings for different intensities of bass boost.

10-band digital equalizer customizes your sound

With 10 adjustable EQ sliders, you can easily fine-tune the sound to your personal tastes. The new karaoke mode quietens vocal tracks for those times when you just can't help singing along.

Time alignment adjusts sound to your seated position

Wherever you sit in your car, you're always closer to some speakers than others, and this affects how the music sounds. Intelligent Time Alignment re-calibrates the signal so that you're always in the center of the sound field, for a more natural listening experience.

Expand your sound system

With the three pre-outs, you can add components of your choice, like extra amplifiers and sub-woofers. Standard units deliver 2-volt audio signal, while Sony's high voltage pre-out delivers a 5-volt signal, giving you a much clearer sound with less distortion when connected to the power amplifier. You can also expect less external noise.

Heat ventilation

An over-sized heat sink with an optimally designed fin structure ensures efficient ventilation for your amp.

Precision power block placement

Placing the power block close to the input and amp minimizes power loss, while electrolytic capacitors ensure precise, responsive bass

Optimized for excellence

Circuitry and components are carefully laid out for low-noise, highly efficient electric power transmission.

Choose your colors

Browse 35,000 colors to match the two-zone illumination with your car interior. And when the music starts, lights on the LED screen pulse in time to the song.

Switch tracks from the wheel⁸

Easily set up basic audio controls from your steering wheel without a signal converter, on compatible vehicles.⁸

Steering wheel control ready input⁸

This receiver is compatible with aftermarket remote control adapters designed to utilize the vehicles existing, primary radio controls directly from the steering wheel.⁸ The 1/8" rear panel mounted remote input jack allows for simple connectivity.

External hands free mic supplied

The included external hands-free microphone and integrated echo and noise canceling circuitry assure your conversations are clear.

Convenient wireless remote supplied

Control your receiver with the included wireless card remote (RM-X231).

3-Year Warranty

All Sony GS models are backed by a comprehensive 3-year warranty.

Specifications

| | | | |
|-------------------------|-------------|------------------------|-------------------|
| BT Spec. | | Audio Level Adjustment | Yes (-6dB - +6dB) |
| Secure Simple Pairing | Yes | CUE/REV | Yes |
| Version | Version 3.0 | Meta Data Indication | Yes |
| Bluetooth Audio Feature | | PAUSE | Yes |
| Audio Codec | SBC, AAC | | |

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|---|---------------------------|
| TRACK +/- | Yes |
| Bluetooth Feature | |
| # of records connected | 9 (HFP+Audio) |
| Call history (# of) | Yes (20 numbers via PBAP) |
| Call history browse with PBAP | Yes (Combined call) |
| Call Volume Level Control | Yes |
| Connection Status (maximum #) | (2HFP+1Audio) |
| Echo/Noise Canceler | Yes (mode1/mode2) |
| External microphone | Supplied |
| Internal ringtone | 2016 Sony Mobile Ringtone |
| Last dialed call | Yes |
| MIC GAIN Adjustment | Low/Mid/Hi |
| Phonebook Access via PBAP | Yes |
| RF ON/OFF | Yes |
| Ring alert select | Internal/Cellular |
| Ring volume level control | Yes |
| Voice Control | Yes |
| Bluetooth Feature & Device / Other features | |
| Auto-pairing for iOS devices | Yes |
| Device Name | MEX-GS820BT |
| Network Carrier Information | Yes |
| Pandora Link (BT) | Yes |
| Siri Eyes Free Mode | Yes |
| SongPal (Android) | Yes (Music Center) |
| SongPal (iOS) | Yes (Music Center) |
| Bluetooth Feature & Device / Profile | |
| A2DP | Version1.3 |
| AVRCP | Version1.5 |
| HFP | Version1.6 |
| HID | Yes |
| MAP | Yes |
| PBAP | Yes |
| SPP | Yes |
| Feature & Device / AUX in Feature | |
| Level Adjustment | -8dB / +18dB |
| Feature & Device / Amp & General Feature | |
| Advanced Auto Volume (AAV) | Yes |
| Aux-In | Yes (Front) |
| ClearAudio+ | Yes |

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| Digital Sound Enhancement Engine (DSEE) | Yes |
| EQ | Yes (EQ10) |
| EXTRA BASS | Yes (1,2) |
| High Pass Filter | Yes (OFF/50/60/80/100/120) |
| High Voltage Pre Out | 5 Volt |
| Low Pass Filter | Yes (50/60/80/100/120) |
| Output Power (4ohm, 1kHz, 16V) | 100W |
| Pre Out | x 3 |
| Rear Bass Enhancer | Yes |
| Sirius/XM Connector | Yes |
| Sub Out | Yes |
| Sub Woofer adjust (LEVEL) | Yes |
| Subwoofer Direct Connection | Yes |
| Sub Woofer Phase | Yes |
| Time Alignment Custom | Yes (Adjustment) |
| Time Alignment Preset | Yes |
| USB | Yes (Front + Rear) |
| Feature & Device / Display Panel | |
| Auto off mode | Yes |
| Dimmer Adjust | Yes (On/Off/AT/Clock) |
| Key Illumination Initial | Rainbow |
| Sound and Color Synchronization | Yes |
| Feature & Device / Panel Design | |
| Display color (Color Variation/ Nega or Pos) | Black color/Negative |
| Display Device (LCD/FL/OEL/TFT) | LCD (with Acryl) |
| Key Illumination | Variable (2-Zone) |
| USB Shutter | Yes |
| Feature & Device / Tuner Feature | |
| Preset | FM18/AM12 |
| RDS / EON | Yes (RBDS) |
| Feature & Device / Other features | |
| Card Remote (): Option | RM-X231,(Option: RM-X8S) |
| CD lock mode | Yes |
| Clock | 12H |
| Configurable Steering Wheel Remote Input | Yes |
| Detachable Panel | Detachable |

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| Steering Wheel Remote Input | Yes |
| NFC Feature | |
| NFC One-touch connection | Yes |
| Others / Instruction Manual Language | |
| English | Yes |
| French | Yes |
| Others / Cosmetic Print | |
| **Wx4 | 100 |
| Bluetooth logo | Yes |
| Cosmetic Sticker | Sticker (100W x4 Max., 45W x4 RMS), 5 months |
| IR | Yes |
| Other logos | NFC logo |
| Phone mark icon (Green/Red) | Yes on "CALL" Key |
| Product name | Yes |
| Sirius/XM Ready Logo | Yes |
| USB jack logo (Trident) | Yes |
| Others / Safety Standard | |
| DHHS | Yes |
| FCC | Yes |
| Specifications chart / General | |
| Maximum output power (4ohm, 1kHz, 16V)(W) | 100 |
| Preout impedance (ohms) | 220 |
| Preout output level (V) | 5 |
| Specifications chart / Tuner | |
| FM: Channel separation (dB) | 50 |
| FM: Frequency response (Hz) | 20-15k |
| FM: S/N ratio (mono) (dB) | 73 |
| FM: Selectivity (400 kHz) (dB) | 75 |

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| FM: Tuning range (MHz) | 87.5-107.9 |
| FM: Usable sensitivity (75 ohm) (dBf) | 8 |
| MW: Tuning range(kHz) | 530-1710 |
| USB Mass Storage Device Control Feature | |
| CODEC (for USB) | MP3, WMA, AAC, FLAC, WAV |
| Jump Mode | Yes |
| List Browsing (Folders/Files) | Yes |
| Pause | Yes |
| Repeat | ALL/TRACK/ALBUM |
| Resume Play | Yes |
| Shuffle | OFF/ALBUM/DEVICE |
| USB Feature & Device / USB Capability | |
| USB Media Transfer Protocol | Yes |
| USB Mass Storage Device Control Feature | |
| Maximum Current | 1A (Front), 1.5A (Rear) |
| USB-capable | |
| USB Android Open Accessory Protocol | Yes(2.0) |
| USB Mass Storage Device | Yes |
| iPod Control Feature | |
| CODEC (for iPod) | Depend on iPod |
| Pandora Link (BT) | Yes |
| Pause | Yes |
| Repeat | ALL/TRACK |
| Resume Play | Yes |
| Shuffle | OFF/TRACK |
| Weights and Measurements | |
| Dimensions (Approx.) | 178 x 50 x 178 mm Mounting dimension: 182 x 53 x 161 mm |
| Weight (Approx.) | 1.3 kg |
| Accessories | |
| Supplied Accessories | Warranty card Trim Ring (Collar), Black (Not Painted) |



1. Rated Power: CEA2006 Standard Power Output: 45 Watts RMS x 4 at 4 Ohms 1% THD+N SN Ratio: 80 dBA (reference: 1 Watt into 4 Ohms).
2. Siri is available on iPhone 4s or later, iPad Pro, iPad Air or later, iPad (3rd generation) or later, iPad mini or later, and iPad touch (5th generation or later) and requires internet access. Siri may not be available in all languages or in all areas, and features may vary by area. Cellular data charges may apply.
3. Requires download of free Music Center App for iPhone from the App Store or for Android from Google Play. Subject to app terms and conditions. Music Center does not support iPhone 3G, iPod touch (3rd generation), iPod touch (2nd generation), iPod classic and iPod Nano.
4. Full functionality with compatible Android devices only.
5. Interoperability and compatibility among Bluetooth® devices may vary.
6. Requires tuner and subscription, sold separately.
7. Pandora® is only available in certain countries. Please visit <http://www.pandora.com/legal> for more information.
8. Compatibility varies as not all vehicles are compatible; please consult with each interface manufacturer for details.

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Updated: October 16, 2017