





GVC3220 & GMD1208

Table of Contents

Sales Kit	<u>3</u>
Presentation	<u>4</u>
GVC3220 Product Messaging	<u>5</u>
GVC3220 Datasheets	<u>6</u>
GMD1208 Product Messaging	<u>7</u>
GMD1208 Datasheets	<u>8</u>
Marketing Materials (Email, Email Signature, Press Release)	9
Digital Marketing- Social Template	<u>10</u>
Digital Marketing- Paid Social / Cover Photo	<u>11</u>
Digital Advertising- Paid Banner Ads	<u>12-13</u>
GVC3220 Marketing Assets (Product Images, Feature Icons)	<u>14</u>
GMD1208 Marketing Assets (Product Images, Feature Icons)	<u> 15</u>

GVC3220/GMD1208 Sales Kit

GVC3220

Ultra HD Multimedia Conferencing System

About the GVC3220

The GVC3220 is a high-end video conferencing system that provides an immersive video conferencing environment. It, offers flexibility to support any SIP or H.323 video conferencing platform, including Grandstream's PlVideoTalk Meetings. The GVC3220 is based on Android 90 and offers powerful features including 4K Ultra HD video, wireless screen-sharing capabilities, integrated Wi-F. Bulerooth and more. It comes equipped with the GMD1208 desktop wireless microphone to provide full room coverage. Thanks to its 'suite of high-end video collaboration features, ease-of-use and platform flexibility, the GVC3220 is ideal for boardrooms, larger conference rooms auditionium scripts command more rooms.

Product Positioning

The GVC3220 is a high-end solution designed for medium-to-large spaces that require premium video conferencing features for full room coverage with the highest video quality available. This high-end device is ideal for large conference rooms, board rooms, classrooms and more.

Competitive Features

- Supports sharp video quality of up to 4K full-HD video output
- Runs on Android 9.0; supports any SIP & H.323 platform
 Remote video screen real-time control and sharing PC
- Advanced camera with 8M pixel CMOS sensor, FOV wide-angle lens, 12x zoom and PTZ for easy camera view adjustments
- Integrated dual-band Wi-Fi 802.11a/b/g/n/ac (2.4GHz & 5GHz), supports Wi-Fi multimedia







ipports 4k Ultra HD

GVC3220 Key Technical Specifications

MCU	Up to 5-way video conferencing with 1080p @30fps, and 9-way with 720p @30fps conference
Camera	1/2.5", 8 Megpixel CMOS, 4k 30fps Output
Lens	12x optical zoom,+/-30° tilt, +/-170° pan, 70.1°~7.4°(W) Field of View, 40.7°~4.2°(T) field of view
Wi-Fi	Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz), supports Wi-Fi Multimedia
Bluetooth	Integrated Bluetooth 5.0 + EDR
Remote Control	Companion IR remote control
Video Outputs	1x HDMI 2.0 up to 4K with CEC, 1x HDMI 1.4 up to 1080p
Video Input	1x HDMI 1.4a with resolution up to 1080p
Sample Android Applications	Microsoft Teams, Zoom, Google, etc.
Sample Android Applications	Allows Android 9.0 compliant applications to be developed, downloaded and run on the GVC3220



nents D resolutio

D resolution, o-largeims, board 20 offers



the flexibility to support any SIP, H.323 and Android platform, popular wireless screen-sharing options, and pairs with the GMD 1268 Wireless Mic to extend audio in larger spaces. This high-end device provides the coverage, resolution, zoom, flexibility and power needed to enable powerful collaboration from these physical areas.

4K Ultra HD, 12x zoom, PTZ



The GVC3220 supports the highest video resolution available: 4K Ultra HD. It also adds a powerful 12x zoom and PTZ (Pan, Tilt, Zoom) to provide an immersive conferencing experience with the highest possible quality.



Built-in Wi-Fi

Built-in support for dual-band Wi-Fi allows the GVC322I to be easily and wirelessly added to any network, makir for quick deployments. It also supports Wi-Fi Multimedit



Android

The GVC3220 runs on Android 9.0, which offers access to millions of Android apps, the ability to create custom Android apps for the GVC3220 while providing a seamless and intuitive user interface.



Host Meetings Locally





Miracast and Airplay

Support for these popular wireless content sharing protocols allows conference attendees to easily share content with the GVC3220 and conference attendees.



Pair with Included GMD1208

The GMD1208 provides a wireless microphone to extend audio input in large spaces. Each GVC3220 comes with 1x GMD1208 and can be paired with up to 2 GMD1208s

Translations

English

GVC3220/GMD1208 Presentation



Translations

English (PowerPoint)

English (PDF)

Spanish (PowerPoint)

Spanish (PDF)

Product Messaging

GVC3220

Tagline	Ultra HD Multimedia Conferencing System		
Subhead	The GVC3220 is a high-end video conferencing system that provides an interactive and immersive video conferencing environment to increase collaboration and productivity.		
Target Audience	Enterprises (executive board rooms, large conference/meeting rooms, training centers), education (auditoriums, classrooms, lecture halls), government (courtrooms, meeting rooms), hospitality (ballrooms, convention centers, meeting rooms)		
Product Description	The GVC3220 is a high-end video conferencing system that provides an interactive and immersive video conferencing environment to increase collaboration and productivity. The SIP-based GVC3220 provides flexibility to support any SIP or H.323 video conferencing platform, including Grandstream's IPVideoTalk Meetings. With IPVideoTalk, the GVC Option plan turns any meeting hosted on a GVC device into an online meeting that can be joined seamlessly by up to thousands of people from a web browser, mobile app or other GVC devices. The GVC3220 is based on Android 9.0 and offer s powerful features including 4K Ultra HD video, the ability to locally host up to 5-way 1080p video conferences, wireless screen-sharing capabilities, integrated Wi-Fi, Bluetooth and more. It comes equipped with the GMD1208 desktop wireless microphone to enhance audio quality and provide full room coverage for up to 5-meter pickup range. Thanks to its suite of powerful, high-end video collaboration features, support for 4k Ultra HD video, ease-of-use and platform flexibility, the GVC3220 is ideal for boardrooms, large conference rooms, auditoriums, classrooms and more.		
Customer Challenges	Enterprise needs a video solution to support online/remote attendance of company meetings, trainings, presentations, board meetings and more.	A school needs a video solution to hold virtual school assemblies, speaking sessions classes, trainings, teacher meetings etc.	A government organization needs a video solution for virtual attendance of public meetings, court cases, and more.
Customer Solutions	GVC3220 provides a board- room quality video conferencing device that can be paired with a wide-range of platforms, supports 4k video, and a variety of collaboration features.	The GVC3220 easily covers any large space with 4k video support and GMD1208 speaker, while its flexibility to support any SIP or Android platform offer flexibility to schools.	The GVC3220 provides a high-end, 4k video conferencing device that can be paired with any SIP platform and external audio system to broadcast important meetings.

<u>French</u>	<u>ltalian</u>	<u>Polish</u>	
German	Portuguese	Russian	

<u>Spanish</u>

GVC3220 Datasheets



Ultra HD Multimedia Conferencing System GVC3220

The GVC3220 is a high-end video conferencing system that provides an interactive and immersive video conferencing environment to increase collaboration and productivity. The SIP-based GVC3220 provides flexibility to support any SIP or H.323 video conferencing platform, including Grandstream's IPVideoTalk Meetings. With IPVideoTalk the GVC Option plan turns any meeting hosted on a GVC device into an online meeting that can be joined seamlessly by up to thousands of people from a web browser, mobile app or other GVC devices. The GVC3220 is based on Android 9.0 and offers powerful features including 4K Ultra HD video, the ability to locally host up to 5-way 1080p video conferences, wireless screen-sharing capabilities, integrated Wi-Fi, Bluetooth and more. It comes equipped with the GM 01208 desktop wireless microphone to enhance audio quality and more. It comes equipped with the GM 01208 desktop wireless microphone to enhance audio quality and office on coverage for or 4b to my the form the form of the company of the form for boardrooms, large conference rooms, auditoriums, classrooms and more.



Supports sharp video quality of up to 4K Full-HD video output





Advanced camera with 8M pixel CMOS sensor, FOV wide-angle lens, 12x zoom



 \oplus

Runs on Android 9.0

Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz), supports Wi-Fi Multimedia



9 WAY

GMD1208 desktop wireless microphone provides full room coverage for up to 5m pickup range





5-way 1080P or 9-way 720P

Protocols / Standards SP REC.261, N.2.2 BIECP, TIP, REPRICE, HITCHITTE, ASP, I.CMP, DNS (A record, SR), MAPTRI, DHEP, PROS. SSH, TERP, N.T. STUN, SMAPELLID-MED, LDAP, TROGS, 802.1; TLS, SRFT, PCH/PUDP, PLVI, Open/PVNG
MCU Up to S-way video conferencing with 108Dp @105p, and S-way video 725p @305p. conference Camera 1/2.5", 8 Megpixel CMOS, 4k 30fps or 1080p 60fps output Lens 12x optical zoom,+/-30° tilt, +/-170° pan, 70.1°-7.4°(W) Field of View, 40.7°-4.2°(T) field of view Network Interface 1×RJ4510/100/1000 Mbps Wi-Fi Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz), supports Wi-Fi Multimedia Bluetooth Integrated Bluetooth 5.0 + EDR Video Outputs 1x HDMI 2.0 up to 4K, 1x HDMI 1.4 up to 1080p Video Input 1x HDMI 1.4a with resolution up to 1080p MIC/Speaker Support external Bluetooth or 2.4G microphone, 1 built-in speaker Audio Input/Outputs 1x Line in/out,1x Media Remote Control Bluetooth and infrared remote control with multi-touch touchpad Auxiliary Ports 1x USB 3.0 , 1x USB 2.0 , 1x SD, 1x Reset Video Codecs

H.264 BP/MP/HP, video resolution up to 4k, frame rate up to 30 fps, bit rate up to 8Mbps,
H.265 BP/MP/HP, video resolution up to 4k, frame rate up to 30 fps, bit rate up to 8Mbps Portrait Video Resolutions 4K from 1Mbps to 8Mbps, 1080p from 1Mbps to 4Mbps, and 720p from 512Kbps to 2Mbps Content Video Resolutions Input: 720p, 1080p (HDMI)
Encoding: 800+600, 1024+768, 1280×1024, 1280×720, 1920×1080
Output: 720p, 1080p Audio Features AEC, ANS, AGC, PLC, CNG/VAD Video Conferencing Service Platform SIP, H.323, Grandstream IPVideoTalk, Bluejeans and Zoom Telephony Features Hold, mute, downloadable phone book (XML, LDAP), call waiting, call history, flexible dial plan, server redundancy & fail-over Sample Applications Microsoft Teams, Slype or Skype for Business, Zoom, Youtube, API/SDK available for advarded opening and accordance of the Company of the QoS Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS Security User and administrator level passwords, MDS and MDS-sess based authentication, 256-bit AES encrypted configura-tion file, TLS, 128/256-bit SRTP, HTTPS, 802.1x media access control Multi-language English, German, Italian, French, Spanish, Portuguese, Russian, Chinese and more Upgrade/Provisioning Firmware upgrade via TFTP / HTTP / HTTPS or local HTTP upload, mass provisioning using TR-069 or AES encrypted XML configuration file. Detect U disk /SD card system version upgrade automatically. GVC3220 video conference system, GMD1208 wireless microphone, remote control, 4 AAA batteries_universal powe package Content supply, network cable (2 meters), HDMI cables (1x 5 meters, 2x 1.5 meters), lens cleaning cloth, bracket, quick instal-lation guide. Temperature and Humidity

Storage: -10°C to 60°C
Humidity: 10% to 90% (Non-condensing) FCC: Part15 Class B; Part 15 Subpart C 15.247; Part 15 Subpart E 15.407; MPE. CE: EN 55032; EN 55035; EN 61000-3-2; EN 61000-3-3; EN 62368-1; EN 301 489-1; EN 301 489-17; EN 300 328; EN 301 893; EN 62311. RCM: AS/NZS CISPR32; AS/NZS 4268; AS/NZS 62368.1. IC: ICES-003; RSS-GEN; RSS-247; RSS-102(MPE).

Translations

English

French

German

Italian

Polish

Portuguese

Russian

Spanish

Product Messaging

GMD1208

Tagline	Wireless microphone for the desktop		
Subhead	GMD1208 is an extension microphone that pairs with the GVC3220 Ultra HD Multimedia Conferencing System to increase overall audio coverage range		
Target Audience	Enterprises (executive board rooms, large conference/meeting rooms, training centers), education (auditoriums, classrooms, lecture halls), government (courtrooms, meeting rooms), hospitality (ballrooms, convention centers, meeting rooms)		
Product Description	GMD1208 is an extension microphone companion device for Grandstream's GVC3220 Ultra HD Multimedia Conferencing System to increase the overall audio coverage range. With ultrasound pairing, long talk time, proprietary 2.4G/BLE dual mode and error-resilient long-distance transmission, the GMD1208 brings mobility and flexibility for an easy and powerful conferencing solution. Each GMD1208 unit supports 360-degree full band quality voice pickup, within a radius of 5-meters for the best user experience. The multi-functional touch key on this device can trigger various functions with different operations and includes an LED indicator for status notifications. These user-friendly features make GMD1208 an ideal choice for organizations that need optimal microphone placement s with ultra-wide room coverage and crystal-clear audio quality.		
Customer Challenges	Enterprises with large conference, board and training rooms who need supplementary audio support to cover these large areas and ensure all participants can be heard.	A government organization needs audio support for a video solution to be heard throughout the meeting space during virtual attendance of public meetings, court cases, and more.	A school needs additional audio support for conferencing devices that enable teachers to move about freely in their classroom while stil being heard
Customer Solutions	The GMD1208 has built-in 8 omnidirectional MEMS with 5-meter pickup range and Bluetooth connection to customize the needs for any conferencing space.	Two GMD1208 devices can be paired with the GVC3220 conferencing system for wide room coverage and clear audio quality.	The GMD1208 unit supports 360-degree full band quality voice pickup, within a radius of 5 -meters.

<u>French</u>	<u>ltalian</u>	<u>Polish</u>	
<u>German</u>	<u>Portuguese</u>	Russian	

<u>Spanish</u>

GMD1208 Datasheets



Desktop Wireless Microphone GMD1208

GMD1208 is an extension microphone companion device for Grandstream's GVC3220 Ultra HD Multimedia Conferencing System to increase the overall audio coverage range. With ultrasound pairing, long talk time, proprietary 2.4G/BLE dual mode and error-resilient long-distance transmission, the GMD1208 brings mobility and least least a common was a move of the common sections and the common section of the common section section of the common section secti includes an LED indicator for status notifications. These user-friendly features make GMD1208 an ideal choice for organizations that need optimal microphone placements with ultra-wide room coverage and crystal-clear audio quality.



Capacitive touch mute button with LED



Low power indicator





1500mA built-in Li-Ion battery



Micro-B port for charging, BYOD microphone and upgrading

Proprietary 2.4GHz wireless technology

Built-in 8 omni-directional MEMS with 5-meter pickup

((•))

((+))

High quality audio coding with error tolerance

MIC 8 omni-directional MEMS Up to 5-meter pickup range Maximum connection distance In 2.4G mode: up to 66 ft. in Bluetooth mode: up to 33 ft. Audio Feature ANS, AGC/DRC, Noise Shield Technology Audio Codecs Opus Mode Switch Proprietary 2.4GHz, Bluetooth Bluetooth Bluetooth 2.1+EDR Rate: 1 Mb/s for BR, 3Mb/s for EDR. Cascade Ability Up to 2 Auxiliary Ports Micro-B USB port 1×tri-color LED for status indication

LED 1×dual color LED for mute status indication

1×dual color LED for power indication Power & Green Energy Efficiency Input: 220V, Output:SV, 1A
1500mAh Lithium-ion battery, 12h talk time Unit Dimension: 105(mm)×105(mm)×16.9(mm);
Physical
Package Dimension:185(mm)×137(mm)×60(mm);
Package Weight: 330.5g Operation: 0°C to 40°C

Environmental Storage: -10°C to 60°C,
Humidity: 10% to 90% Non-co Package Content 1xGMD1208 microphone, 1x USB cable, 1x quick installation guide, 1x Power supply, 1x GPL License FCC: Part 15 (CFR 47) Class B; UL 60950 (power adapter); Part68 (HAC)
CE: EN55022 Class B; EN55024; EN61000-3-2; EN61000-3-3; EN6950-1; EN62479; RoHS
RCM: ASIACIF 5004; ASINZS CISPR22/24; ASINZS 60950; ASINZS 4268
IC: ICES 003, RSS 247, CS 03, RSS 102 **Translations**

English

French

German

Italian

Polish

Portuguese

Russian

Spanish

Marketing Materials

Email

Email (Packaged InDesign File)
Email (PDF)
Email Text (Word)
Email Banner (PSD)
Email Banner (PNG)
GVC3220 Front
GMD1208

Email Signature

Email Signature Editable File (PSD) Email Signature (PNG)



Press Release

Grandstream Releases New Ultra HD Conferencing System and Microphone

Now Available Ultra HD Multimedia Conferencing System & Desktop Wireless Microphone GVC3220 and GMID1208

Grandstream Releases High-End Video Conferencing System

The GVC3220 is a high-end video conferencing system that provides an interactive an immersive video conferencing environment to increase collaboration and productivity Combine the GVC3220 with up to two companion GMD1208 desktop wireless microphones to provide enhanced audio quality and full room coverage. Thanks to its suite of powerful, high-end video collaboration features, this solution is ideal for boardrooms, large conference rooms, auditoriums, classrooms and more.



Ultra HD Video

The GVC3220 supports sharp video quality of up to 4K Full-HD video output, an advanced camera with 8M pixel CMOS sensor, FOV wide-angle lens, 12x zoom and PTZ for easy camera view adjustments.

Wi-Fi & Bluetooth

GVC3220: Integrated dual-band Wi-Fi 802.11 a/b/g/n/ac (2.4GHz & 5GHz), supports Wi-Fi Multimedia GMD1208: Proprietary 2.4GHz wireless technology, and Bluetooth v2.1+EDR protocols





Compatibility

The SIP-based GVC3220 runs on Android 9.0 operating system and provides flexibility to support any SIP or H.323 video conferencing platform, including Grandstream's IPVideoTalk Meetings GVC Option plan.

Microphone Range

The GMD1208 comes equipped with ultrasound pairing technology with built-in 8 omnidirectional and MEMS with 5-meter pickup range.



Deployment Scenarios



Enterprises that need a high-end video solution can use the GVC3220/GMD1208 to support online/remote attendance of company meetings, trainings, presentations, board meetings and more.



While the pandemic prevents government organizations from performing duties in person using this high-end video conferencing system allows for virtual attendance of public meetings, court cases, and more.



Meeting spaces such as hotel ballrooms and convention centers can provide value to the space with the GVC3220/GMD1208 which can be paired with any SIP platform to broadcast important meetings.



Due to the COVID-19 pandemic school systems from k-12 up to the college level need a video solution to hold virtual school assemblies, speaking sessions classes, trainings, teacher meetings etc.









Digital Marketing - Social Template

Create your own Social Media Image

Use the editable template to customize your own social image, or create your own using the elements provided below. We recommend using the text provided in the messaging and strategy on page 2 & 3.

Social Image w/ text Template:

Editable Photoshop File

Social Image w/ text_ English (PNG)

Royalty Free Stock Photos (2 Options)

Option 1 - Boardroom Option 2 - Auditorium

Icons (white):

Android

<u>Devices</u>

PTZ

Omni-Directional

Product Images

GVC3220 Front

GMD1208

Logo (add your own or use Grandstream's)

Logo_white

Logo_blue

Official Grandstream Colors:

Deep Blue:

RGB: 42 / 83 / 137 #295288

Aqua Blue:

Aqua b

RGB: 70 / 168 / 202

#46A7C9

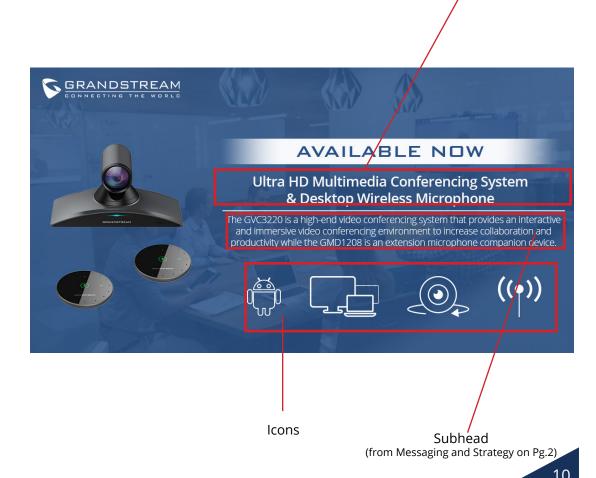
Grey:

RGB: 156 / 158 / 159

#9C9D9F

Orange (Secondary Color):

RGB: 255 / 83 / 13 #FF530D



Tagline

(from Messaging and Strategy on Pg.2)

Digital Marketing - Social Paid / Cover Photo

Paid Social Ad (no text)

Social Image (no text)

Paid/Non-Paid Social Copy

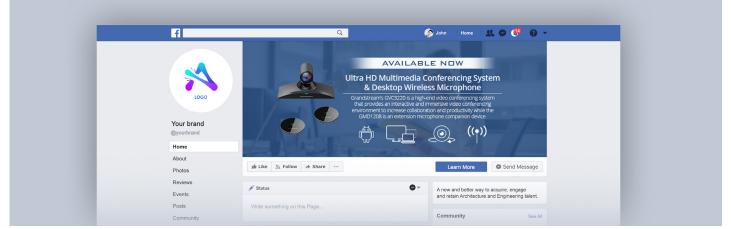
Suggested Social Copy





Facebook Cover Photo - mobile and desktop friendly

Facebook Cover Photo Editable (PSD)
Facebook Cover Photo English (PNG)



Digital Advertising - Banner Ads Template

What are Banner Ads?

Banner advertising is synonymous with display ads. They're placed in high-traffic locations on webpages, creating brand awareness and generating click-throughs, purchases, and leads. These high-visibility locations include the front, bottom, or the side of a webpage; places where the eyes of browsers usually wander.

See the following page for recommended sizing.

Ad Banner 300x250 Editable Photoshop File (300x250 Sample) Ad Banner Sample 300x250 (PNG) **Learn More Orange Button**

Royalty Free Stock Photos (2 Options) Option 1 - Boardroom Option 2 - Auditorium

Icons (white): Android

Devices PTZ

Omni-Directional

Product Images GVC3220 Front GMD1208

Logo (add your own or use Grandstream's) Logo white Logo_blue

Official Grandstream Colors:

Deep Blue:

RGB: 42 / 83 / 137 #295288

Aqua Blue:

RGB: 70 / 168 / 202 #46A7C9

Grey:

#9C9D9F

Orange (Secondary Color): RGB: 255 / 83 / 13 #FF530D

RGB: 156 / 158 / 159

Tagline (from Messaging and Strategy on Pg.2/3)



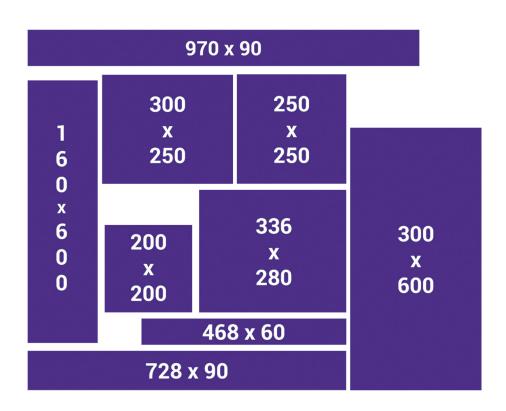
CTA (Call to Action) Tells the site users to do something such as sending them to a product page

Digital Advertising - Banner Ads Sizing

Mobile: Common Ad Dimensions

200 x 200 250 x 250 300 x 250 320 x 50 x 250 320 x 100

Computer: Common Ad Dimensions



GVC3220 Marketing Assets

Product Images

- GVC3220_Front
- GVC3220 Left
- GVC3220 Right
- GVC3220 Back

.

GVC3220 Feature Icons

- 4K
- Android
- Screen Sharing
- PTZ
- <u>Wi-Fi</u>



GUV3220 Front



GUV3220 Left



GVC3220 Back

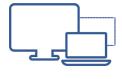


GVC3220 Right











4K

PTZ

Screen Sharing

Wi-Fi

GMD1208 Marketing Assets

Product Images

- GMD1208 Front
- GMD1208 Top

GMD1208 Feature Icons

- Touch Screen
- <u>USB</u>
- Bluetooth
- **Rechargeable Battery**
- **Low Battery Indicator**
- **Audio Coding**
- Wireless
- Omni-Directional
- **Pairing**



GMD1208 Front



GMD1208 Top













Low Battery



Audio Coding



Omni-Directional



Pairing