

## DIGITAL CELLCAST

### Digital Cellcast Features

- Operates on most digital cellphone networks.
- High quality 4 channel mixer.
- Line in / line out.
- Operates on 110 VAC, 220 VAC, 3 power options: A/C, battery or 12V DC auto (cigarette lighter adapter).
- Easy to operate user interface.
- Can operate on land line or cellular system.
- Available in TDMA dual mode, TDMA tri-mode. (Contact MARTI Sales for availability of CDMA and GSM models.)
- Separate level controls for each of the 4 microphone and headset channels.
- Inputs switchable - program or cue.
- 20 position speed dial memory, up to 39 digits per number.
- Multiple activation capability.
- Redial capability.
- Manual dial or memory dial.
- VU meter for program audio.
- Multiple antenna options.
- Backup power (battery and AC adapter at the same time).
- Battery and magnetic mount antenna included.



### Digital Cellcast Specifications

<b>Inputs:</b>	4 inputs: Active balanced, -50dBu to -65dBu input level. -60dBu input level is nominal.
<b>Connectors:</b>	XLR - female.
<b>Line Input:</b>	Monophonic, active balanced, -30dBu to +10dBu. -24dBu input required for nominal output level.
<b>Line Input Connector:</b>	XLR - female.
<b>Line Output:</b>	Monophonic, unbalanced, -10dBu output with a nominal microphone input level.
<b>Line Output Connector:</b>	1/4 inch phone jack.
<b>S/N *AGC Disabled:</b>	-70dB, 50Hz to 10kHz, -35dBu input level.
<b>*AGC Enabled:</b>	-63dB, 50Hz to 10kHz, -35dBu input level. Measured at input of telephone speech network.
<b>Frequency Response *AGC Disabled:</b>	+ 0.75dB, 50Hz to 10kHz.
<b>*AGC Enabled:</b>	+ 0.5dB, 50Hz to 10kHz. Measured at input of telephone speech network.
<b>Distortion *AGC Disabled:</b>	0.05% or less, 50Hz to 10kHz.
<b>*AGC Enabled:</b>	+ 0.3% or less, 50Hz to 10kHz. Measured at input of telephone speech network.
<b>*AGC Enabled - typically used for remote telephone broadcast applications.</b>	
<b>*AGC Disabled - typically used for mixer applications.</b>	
<b>Telephone/Cellular System</b>	
<b>POTS Line:</b>	Electronic hybrid powered by telephone line.
<b>Cellular System:</b>	TDMA dual and tri band. (Contact factory for availability of CDMA or GSM formats.)
<b>Dialing Pad:</b>	12 standard keys, 4 remote control keys, DTMF burst.
<b>POTS Line Connector:</b>	RJ11 Jack.
<b>Cellular Antenna Connector:</b>	Female TNC.

<b>Cellular Antenna:</b>	External, magnetic mount with 12 feet of cable. Cellular and standard telephone circuits will only pass 3 1/2 kHz of the audio bandwidth.
<b>Outputs:</b>	4 outputs: monophonic. Requires a 40 ohm minimum headphone impedance.
<b>Connectors:</b>	1/4 inch phone jack.
<b>Automatic Gain Control:</b>	Enabled / disabled by an internal jumper. Unit ships with AGC enabled.
<b>Power Supply:</b>	External. AC input 100 to 240 VAC, 50/60Hz.
<b>DC Output:</b>	15 Volts @ 2.7A. Unit requires 15 Volts DC @ 1 A nominal, 1.5 A peak.
<b>Connector:</b>	Two 2-Pin DIN-type connectors.
<b>Battery System:</b>	1 sealed lead-acid battery, 12V 7AH, external. Connects to the unit using one of the power supply system connectors. Battery usage: Up to 7 hours of operation with a full 8 hour charge. Battery charging time: approx. 8 hrs.
<b>VU Meter System:</b>	16 segment LED bargraph, 0 VU = -60dBu input. Range -80dBu to -57dBu.
<b>PGM/CUE Audio Control:</b>	Controlled at each mixing channel by illuminated front-panel switches.
<b>User Interface:</b>	2-line 20 segment LCD display. Control provided by 4 illuminated front-panel switches.
<b>Dimensions:</b>	4.6" (11.7 cm) H x 12.5" (31.8 cm) W x 9.5" (24.1 cm) D.
<b>Boxed Dimensions:</b>	11" H x 20" W x 19" D.
<b>Unit Weight:</b>	5.1 lbs, 2.3 kgs. (GSM 900 MHz Cellcast weight 5.5 lbs, 2.49 kgs).
<b>Shipping Weight:</b>	23 lbs, 10.5 kgs. (GSM 900 MHz Cellcast shipping weight 23.4 lbs, 10.61 kgs).
<b>Operating Temperature:</b>	+32°F to +110°F (0°C to +43°C).
<b>Regulatory:</b>	FCC part 68, FCC part 15, DOC, Designed to meet CE requirements.