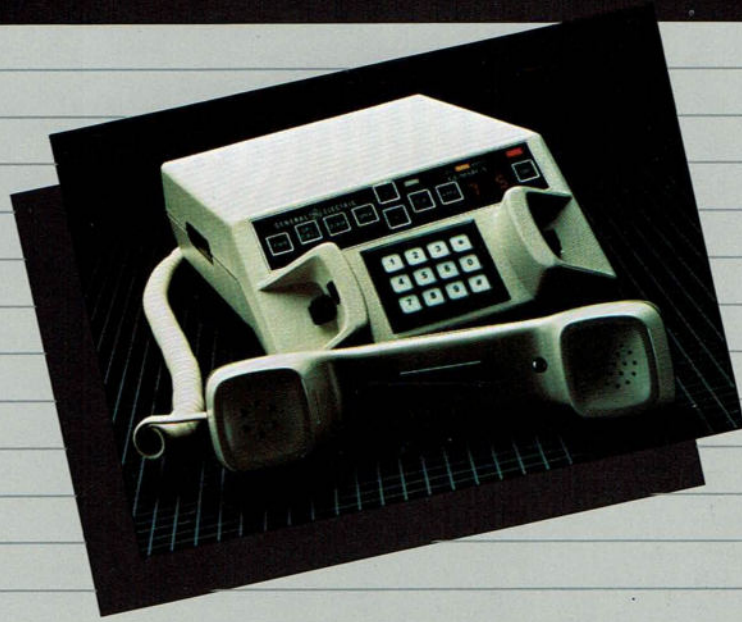


**It took GE to put the future
of mobile communications
in the palm of your hand.**





Pushbutton pad plus interconnect service allows you to call anywhere in the world from your car.



Area switch allows roaming or wide area service.



Touch volume control with memory allows setting audio level prior to, or during, conversations.



Group switch allows selective calling of five different groups or fleets, each with privacy.



Speaker switch allows passengers to hear conversation.

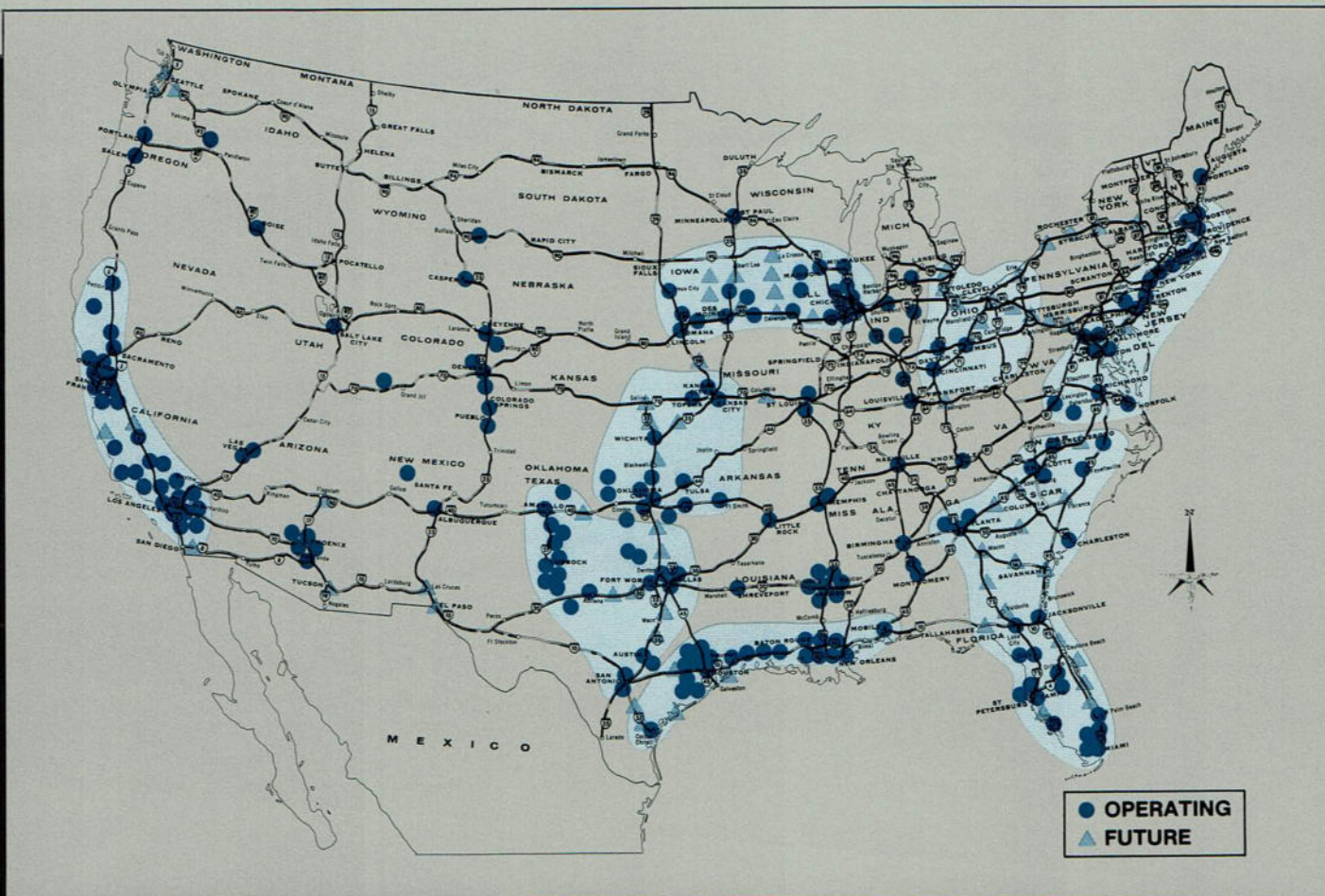
The GE-MARC V has all the features you need most.

- **Touch Volume Control** — enables you to set the audio level prior to, or during, conversations. A memory circuit holds the level constant even when the vehicle is turned off.
- **Clear Switch** — allows you to make another call without hanging up.
- **Pushbutton Power Switch and Light** — indicates that power is on.
- **Wait/Ready Light** — blinks momentarily while channel is being secured then, glows steadily when channel is ready.
- **Call Light** — indicates a call was received while you were away from the vehicle.
- **TX Light** — tells you when the transmitter is operating.
- **External Speaker** — allows you to use the external speaker in addition to the handset audio.
- **Control Timer** — limits transmission time and prevents accidental system lock-up.

Options For The GE-MARC V Include:

- **External Alarm** — alerts you to incoming calls when you're away from the vehicle.
- **Special Call** — assures private conversation between mobiles and office. Also accesses telephone interconnect service.
- **Area Switch** — permits "roamer" service on multiple GE-MARC V systems.
- **Group Switch** — allows selective calling of up to five groups or fleets, each with privacy.
- **Wide Area Scan** — permits you to receive calls automatically from multiple systems.
- **Second Receive Call** — allows you to receive private calls in addition to group or all-call.
- **Call Monitor** — allows you to return handset to its cradle and still monitor conversation in progress.
- **System Status Tones** — choice of four tone combinations to indicate channel status.
- **Power Supply** — converts mobile unit for use as an attractive control station in office or dispatch area.





GE-MARC V Ribbon Networks Provide The Broadest Roaming Coverage In The Industry.

Because General Electric is years ahead of the competition with a growing, nationwide network of interconnected sites, your GE-MARC V can be used in more locations than any other radiotelephone on the market. Call your local GE dealer for information about GE-MARC V system coverage in your area.

Here's what people are saying about the GE-MARC V:

"Now I can drive anywhere in my territory and stay in constant touch with my office and my customers."

"With the GE-MARC V I've got the 'best of both worlds'—a radio to talk to my drivers and a telephone to talk with my suppliers."

"The GE-MARC V gives me a degree of privacy in a radio and a telephone I've never had with conventional systems."

"Being able to run my business from my car makes my time in the field more productive. The GE-MARC V more than pays for itself."

Presenting the trunked mobile radio that can talk long distance.



Anyone whose business relies on two-way radio communications to get a job done knows the value of staying in touch. Especially when you have to spend a lot of time in the field. But imagine how much more productive that time would be if you could also make regular telephone calls from the same two-way radio. With the General Electric GE-MARC™ V Radiotelephone, you can. The GE-MARC V lets you communicate with people outside your business by telephone just as easily as it lets you keep in touch with others in your organization by radio. It's the fastest, most convenient way to make the most of the time you spend away from the office. And best of all, it's from GE, a world leader in communications technology. So you know you're getting a quality product at a price you can afford.

It's A Trunked Mobile Radio For Businesses On The Move.

The GE-MARC V is part of a two-way, trunked business radio system that lets you communicate directly with others in your organization. It provides rapid access to multiple clear channels. So you don't have to waste time waiting for a channel to become available. What's more, the GE-MARC V assigns a dedicated clear channel to each user for the duration of every call. This prevents calls from being interrupted or "stepped-on," while also insuring privacy.

It's An In-car Telephone That Places Outside Calls.

The GE-MARC V also allows you to place phone calls directly from your car — with immediate touchpad connection and no operator intercept. And due to changes in FCC regulations, frequencies now available mean there's no more waiting for car phone service to become available. You can get it right now from GE.

And because GE is years ahead of the competition with a growing network of interconnected sites, GE-MARC V service is available in more places than with any other interconnect system.

The GE-MARC V comes in five attractive models, each priced and equipped to suit your needs.

The Best News Of All Is The Price.

At hundreds less than other comparably equipped systems, the GE-MARC V is very affordable — and well worth the investment when it comes to making the most of the time you spend in the field. In fact, with all it has going for it, the GE-MARC V is the best all-around mobile communications value on the market today. So next time you have to take to the road, make the most of the time you spend away from the office. With the GE-MARC V Radiotelephone from General Electric.





We're Putting The Future Of Mobile Communications In The Palm Of Your Hand.

With quality mobile telephones and radios that are second to none. With a dealer network that's the largest in the world. With mobile communications experts that can help design the right system for you. And with over 1,000 authorized General Electric service centers backing up every product we make — from our state-of-the-art GE-STAR™ Cellular Mobile Telephone to our high-performance MPI™ Hand-held Radio. They're the best mobile communications values on the market today.

Call On General Electric.

For more information on the GE-MARC V, or any of the GE mobile telephones or radios, call toll-free: 800-368-2020. (In Virginia, Alaska and Hawaii, call collect: 804-528-7643.)

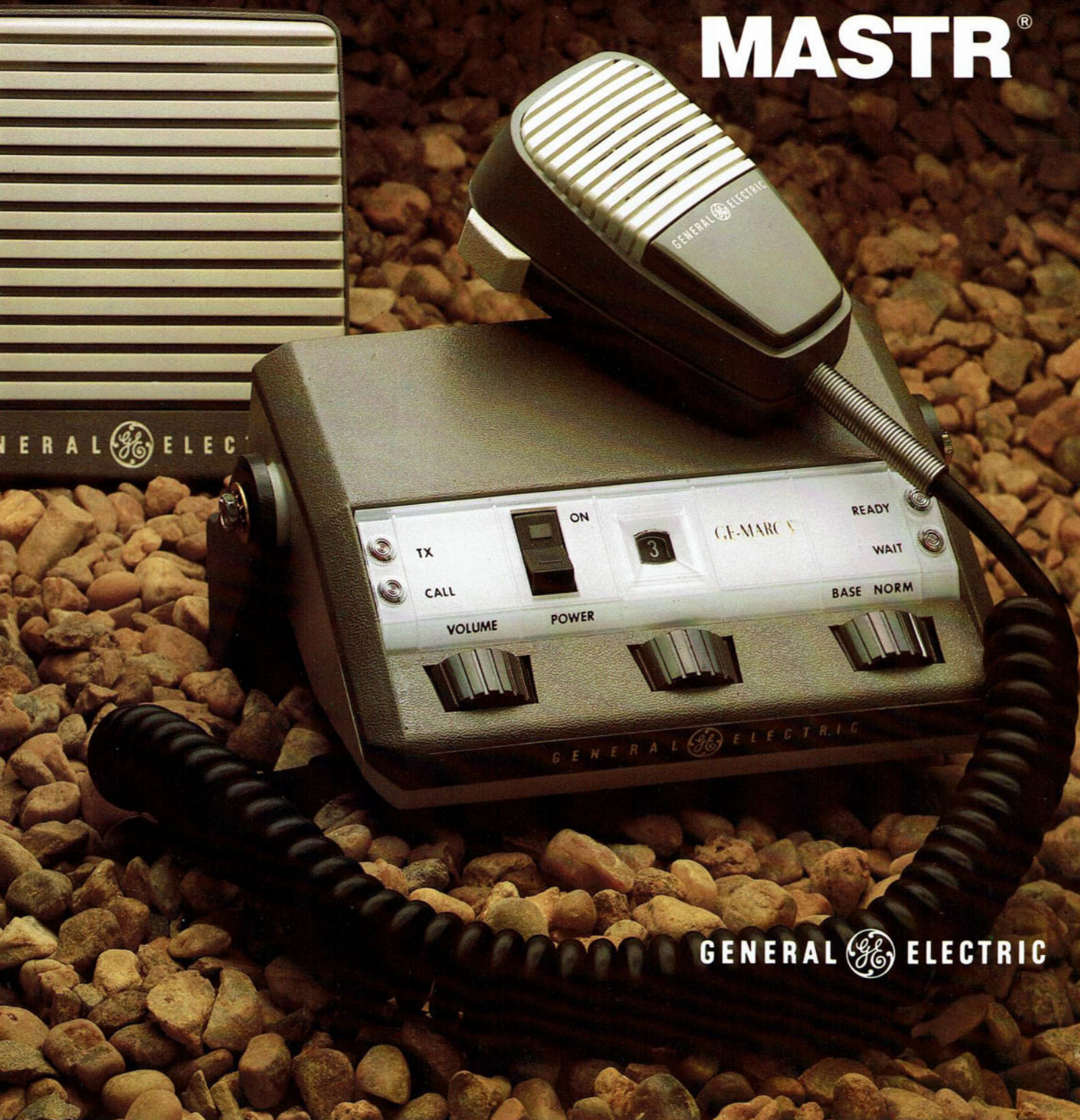
Tell our operator which products you'd like more information on. Or write General Electric, Mobile Communications Division, Lynchburg, Virginia 24502.

We bring good things to life.

GENERAL  ELECTRIC

**GE-MARC V
TRUNKED
MOBILE RADIOS**

MASTR[®]



GENERAL  ELECTRIC

GE-MARC V MASTR

Field-proven ruggedness and dependability

Trunking . . . a new technology
Improved spectrum availability
and a higher grade of service
are now possible through the
application of trunked technology
to business radio.

Trunked systems, for example,
allow automatic access to multiple
clear channels rather than the
single shared channel available in
conventional systems.



The MASTR series

For applications where a powerful, rugged, synthesized trunked radio is needed, the MASTR series has proven its dependability. Thousands of these radios are already in use. In addition, the control unit is small, attractive and can be mounted in a variety of positions. Plus, the companion radio case is designed for remote mounting in a lockable compartment. That's an important consideration in theft-prone areas.

Standard Features



TX LIGHT indicates transmitter is keyed.

The resulting advantages include rapid channel assignment, enhanced system privacy and little time lost from interruptions or monitoring.

Automatic channel access

GE-MARC V MASTR eliminates the need for monitoring or waiting for an available clear frequency... benefits not possible with conventional business radios.

Enhanced message privacy

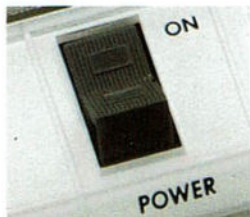
Users can easily segment their vehicles into fleets, subfleets or individual units — each with privacy from the other but accessible to selected personnel.

Freedom from "stepped-on" messages

The GE-MARC V system assigns a dedicated clear channel to each

user for the duration of every call. This eliminates "stepped-on" or interrupted messages.

The GE-MARC V line offers a choice of four attractive control stations based on frequency and option requirements.



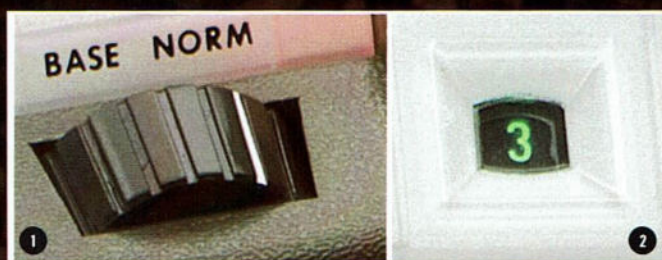
POWER ON/OFF
rocker type switch and light positively indicates power is on.



WAIT/READY LIGHT
will blink momentarily while channel is being secured. A steady glow indicates channel is ready.

CONTROL TIMER limits transmission time and prevents system lock-up.

The General Electric **GE-MARC V MASTR line** offers these most-wanted system options



① **BASE/NORM (TEL/NORM)** selects private conversation between mobiles and/or office, and facilitates the use of telephone interconnect.

② **AREA SWITCH** permits operation on two geographically separated GE-MARC V systems (if available in your area) to allow expanded service.

GROUP SWITCH allows selective calling of up to five different groups or sub-groups, each having privacy from the other, but accessible to designated personnel. Available in place of area switch.

CALL LIGHT can be selected for group and/or individual incoming calls. Indicates call was received while operator was absent from vehicle.

SECOND RECEIVE CALL allows unit to receive private calls in addition to its group or all-call receive capability.

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**GE-MARC V
TRUNKED
MOBILE RADIOS**

CORONA



GENERAL  ELECTRIC

GE-MARC V CORONA

Bringing new standards of performance and affordability to trunked radio

Trunking . . . a new technology. Improved spectrum availability and a higher grade of service are now possible through the application of trunked technology to business radio.

Trunked systems, for example, allow automatic access to multiple clear channels rather than the single shared channel available in conventional systems.



The CORONA series

GE-MARC V CORONA offers sophisticated performance and good looks in a modestly priced trunked mobile.

Just look at what CORONA offers. It's one of the smallest and lightest trunked radios—ideal for easy and inexpensive under-dash or hump mounting. It has up to 20 programmable synthesized channel frequencies for easier and less expensive system modification. There's a WAIT/READY light to tell you when the channel is yours. Plus an attractive beige case and woodgrain control

panel to complement vehicle interiors. In addition, audible tones indicate the status of originated calls and alert you of incoming calls.

And CORONA's wide range of options can make your radio system even more productive. Options from an external alarm to vehicle-to-supervisor privacy make your personnel more efficient and help you implement decisions quicker. An area switch allows greater flexibility in assigning expanded service areas to your field units. Plus, there's a host of selective addressing options to let you pick the level of privacy you need.

Standard Features



PUSH BUTTON POWER SWITCH and light positively indicates power is on.

The resulting advantages include rapid channel assignment, enhanced system privacy and little time lost from interruptions or monitoring.

Automatic channel access

GE-MARC V CORONA eliminates the need for monitoring or waiting for an available frequency . . . benefits not possible with conventional business radio.

Enhanced message privacy

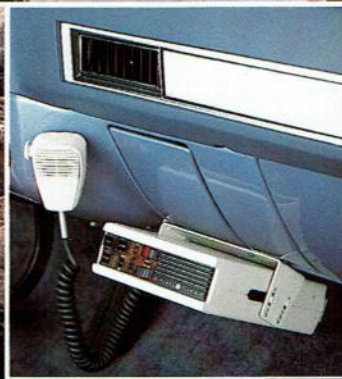
Users can segment their vehicles into fleets, subfleets, or individual units — each with privacy from the other but accessible to selected personnel.

Freedom from "stepped-on" messages

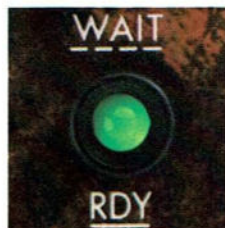
The GE MARC V system assigns a dedicated clear channel to each

user for the duration of every call. This eliminates "stepped-on" or interrupted messages.

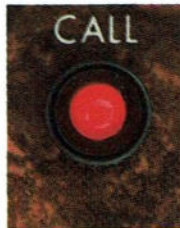
The GE-MARC V line offers a choice of four attractive control stations based on frequency and option requirements.



ROTARY THUMB WHEEL
allows easy, convenient volume adjustment.



WAIT/READY LIGHT
will blink momentarily while channel is being secured. A steady glow indicates channel is ready for use.



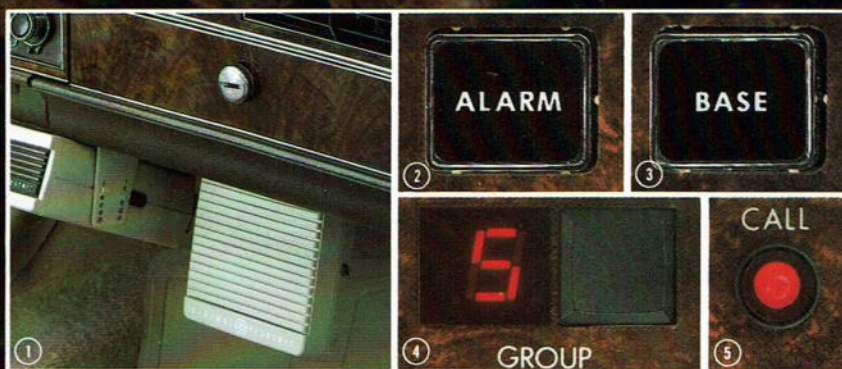
CALL LIGHT
indicates call was received while operator was absent from vehicle.



TX LIGHT
indicates transmitter is keyed.

CONTROL TIMER
limits transmission time and prevents system lock-up.

The General Electric **GE-MARC V CORONA** line offers these most-wanted system options



① **EXTERNAL SPEAKER** provides additional clarity and volume for use in high-noise environment.

② **EXTERNAL ALARM** horn, light or other device alerts operator of incoming call when absent from vehicle.

③ **BASE/NORM (TEL/NORM)** selects private conversation between mobiles and/or office, and facilitates the use of telephone interconnect.

④ **GROUP SWITCH** allows selective calling of up to five different groups or sub-groups, each having privacy from the other, but accessible to designated personnel. Available in place of area switch.

⑤ **CALL LIGHT** can be selected for group and/or individual incoming calls.

AREA SWITCH permits operations on up to five geographically separated GE-MARC V systems (if available in your area) to allow

expanded service. Available only when Group Switch option is not selected and area capability is available.

RECEIVE FREQUENCY SELECT allows radio to receive calls on all the frequencies available or only the frequencies in the area selected.

SECOND RECEIVE CALL allows unit to receive private calls in addition to group or all-call.

POWER SUPPLY/DESK MICROPHONE converts mobile unit for use as attractive control station in office or dispatch area.

SYSTEM STATUS TONES — Choice of four musical tone combinations is available to keep users informed of channel status.

CALL MONITOR allows operator to return microphone to its hookswitch and still monitor conversation in progress within the call group.

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GE-MARC V TRUNKED RADIOS SPECIFICATIONS

CORONA



(Shown with optional BASE & ALARM switches)

APPLICATION

The GE-MARC V CORONA trunked mobile radio has 20 channels and uses audible tones for channel control and selective signalling. All channels are available for voice communications. Each GE-MARC V mobile and control station has its own logic and signalling package.

The GE-MARC V System does not require a central computer terminal, idle tones or a dedicated RF signalling channel.

COLOR (Radio & Accessories): **Beige**

FREQUENCY BAND: 800 MHz

TRANSMITTER POWER: 15 Watts

CHANNEL CAPACITY: 20

PRODUCT FEATURES

- **Small Size & Weight**
- **Synthesized Frequencies**
- **Microprocessor and PROM Control**
- **Visual & Audible Status**
- **Carrier Control Timer**
- **"Call" Indicator**

MAJOR BENEFITS

Facilitates "up-front" mounting and minimizes installation costs.

Optimizes performance and minimizes cost of frequency changes.

Provides extensive control capability and unique operational flexibility.

Dependably indicates operating mode of the radio.

Protects against system "lock-up".

Alerts operator of an unanswered call.

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GENERAL SPECIFICATIONS

MODEL SERIES	RF POWER OUTPUT (Watts)	BATTERY DRAIN (Amps)			FCC FILING NUMBER	APPLICABLE TO PART NUMBER (FCC Rules)	RECEIVER FCC MODEL NUMBER
		Rx Standby	Unsquelled	Transmit			
M6YZ2B015S	15	0.7 @ 13.8 VDC	1.1 @ 13.8 VDC	7 @ 13.6 FDC	KT-197-A	90	ER-128-A

SYSTEM VOLTAGE: 11 to 16 VDC negative ground
DUTY CYCLE (EIA): Receiver, 100% — Transmitter, 20%
TEMPERATURE RANGE: -30°C to +60°C (-22°F to +140°F)
 For full performance per EIA.
HUMIDITY: 95% RH @ 50°C (122°F)
SHOCK & VIBRATION: EIA & U.S. Forest Service Specifications
DIMENSIONS (HxWxD)
 Mobile Unit: 6.5x19x24 cm (2.7x7.5x9.5 ins)
LED INDICATORS: Power, Transmit, Wait/Ready and Call

WEIGHT (Average): 2.7 kg (6 lbs.) less accessories
ANTENNA: All stainless steel, 1/4 wave whip, Chrome and Lexan® base with 4.5 m (15 ft.) antenna cable.
MOUNTING: Hardware and cables supplied for dash installation.
SPEAKER (internal): 4 Ohms
MICROPHONE: Transistorized (electret)
CONTROLS: Power switch and rotary volume

RECEIVER

FREQUENCY RANGE: 861 to 866 MHz
RF INPUT IMPEDANCE: 50 ohms
CHANNEL SPACING: 25 kHz
SENSITIVITY
 EIA 12 dB SINAD: 0.3 μ v
 20 dB Quieting: 0.4 μ v
 Noise Squelch: 12 dB SINAD
SELECTIVITY
 EIA 2-Signal: -75 dB
FREQUENCY STABILITY: $\pm 0.00025\%$

MODULATION ACCEPTANCE: ± 7 kHz
INTERMODULATION: -70 dB
SPURIOUS AND IMAGE REJECTION: -70 dB
AUDIO OUTPUT: 3 Watts, 5% distortion (1000 Hz ref.)
FREQUENCY SEPARATION (max.): 5 MHz

TRANSMITTER

FREQUENCY RANGE: 816 to 821 MHz
RF POWER OUTPUT: 15 Watts
RF OUTPUT IMPEDANCE: 50 ohms
CONDUCTED SPURIOUS & HARMONIC EMISSION: -60 dB

MODULATION DEVIATION: ± 4.5 kHz
FREQUENCY STABILITY: $\pm 0.00025\%$
AUDIO DISTORTION: Less than 3% @ 1000 Hz
FREQUENCY SEPARATION (max.): 5 MHz

OPTIONS & ACCESSORIES

- Individual Call
- Call Monitor
- Call LED Selection
- External Alarm
- CCT Interval Adjustment
- GROUP or AREA Function
- BASE or TEL Function
- Selected Area Rx Monitor
- Other 2-note and/or 7-note Alert Signal Configurations
- Control Station "Logic"



External Speaker
(and Speaker Switch)



Desk Stand
(for radio unit)



AC Power Supply
(with or without remote panel)



Desk Microphone

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GE-MARC V TRUNKED MOBILE RADIOS

CLASSIC



GENERAL  ELECTRIC

GE-MARC V CLASSIC

The ultimate in enhanced privacy, styling and flexibility

Trunking... a new technology. Improved spectrum availability and a higher grade of service are now possible through the application of trunked technology to business radio.

Trunked systems, for example, allow automatic access to multiple clear channels rather than the single shared channel available in conventional systems.



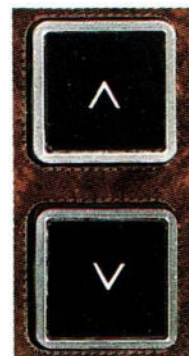
The CLASSIC series

Behind the CLASSIC sleek designer styling are some of the finest concepts ever offered to business radio users. The stylish, easy-to-use handset offers the message privacy of a telephone. The CLASSIC radio is also small and light, and allows inexpensive, easy under-the-dash mounting. A reversible control panel permits vertical or overhead mounting.

A choice of beige, black or saddle-brown, with matching accessories, will complement the interior of any vehicle. In addition, the attractive woodgrain control panel has large, bright indicators for easy readability. And key controls are the "touch" type to provide increased safety.

Standard Features

DIGITAL TOUCH CONTROL allows setting of audio level prior to incoming call or during conversations. Memory circuit holds selector level even when vehicle is turned off.



The resulting advantages include rapid channel assignment, enhanced system privacy and little time lost from interruptions or monitoring.

Automatic channel access

GE-MARC V CLASSIC eliminates the need for monitoring or waiting for an available clear frequency . . . benefits not possible with conventional business radios.

Enhanced message privacy

Users can segment their vehicles into fleets, subfleets or individual units — each with privacy from the other, but accessible to selected personnel.

Freedom from "stepped-on" messages

The GE-MARC V system assigns a dedicated clear channel to each user for the duration of every call. This eliminates "stepped-on" or interrupted messages.

Telephone handset privacy

The CLASSIC standard handset means that even those in the same vehicle won't hear incoming messages — unless you want them to hear.

The GE-MARC V line offers a choice of four attractive control stations based on frequency and option requirements.

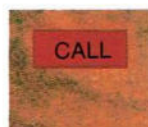


CLEAR SWITCH allows immediate initiation of subsequent call without replacing handset.

PUSHBUTTON POWER SWITCH and light positively indicates power is on.



WAIT/READY LIGHT will blink momentarily while channel is being secured. A steady glow indicates channel is ready.



CALL LIGHT indicates call was received while operator was absent from vehicle.



TX LIGHT indicates transmitter is keyed.

EXTERNAL SPEAKER allows operator to select speaker in addition to handset audio.

CONTROL TIMER limits transmission time and prevents system lock-up.

The General Electric **GE-MARC V CLASSIC** line offers these most-wanted system options



① **EXTERNAL ALARM** horn, light or other device alerts operator of incoming call when absent from vehicle.

② **BASE/NORM (TEL/NORM)** selects private conversation between mobiles and/or office and facilitates the use of telephone interconnect.

③ **AREA SWITCH** permits operation on up to five geographically separated GE-MARC V systems (if available in your area) to allow expanded service.

④ **GROUP SWITCH** allows selective calling of up to five groups or sub-groups, each having privacy from the other, but accessible to designated personnel.

RECEIVE FREQUENCY SELECT allows radio to receive calls on all the frequencies in the radio or only those frequencies in the area selected.

SECOND RECEIVE CALL allows unit to receive private calls in addition to group or all-call.

CALL MONITOR allows operator to return handset to its cradle and still monitor conversation in progress within the call group.

SYSTEM STATUS TONES—Choice of four musical tone combinations is available to keep users informed of channel status.

CALL LIGHT can be selected for group and/or individual incoming calls.

POWER SUPPLY converts mobile unit for use as attractive control station in office or dispatch area.

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GE-MARC V TRUNKED RADIOS SPECIFICATIONS

CLASSIC



COLOR (Radio & Accessories): **Brown, Beige or Black**

APPLICATION

The GE-MARC V CLASSIC trunked mobile radio has 20 channels and uses audible tones for channel control and selective signalling. All channels are available for voice communications. Each GE-MARC V mobile and control station has its own logic and signalling package.

The GE-MARC V System does not require a central computer terminal, idle tones or a dedicated RF signalling channel.

FREQUENCY BAND: 800 MHz

TRANSMITTER POWER: 15 WATTS

CHANNEL CAPACITY: 20

PRODUCT FEATURES

- Small Size & Weight
- Synthesized Frequencies
- Microprocessor and PROM Control
- Visual & Audible Status
- Carrier Control Timer
- "CALL" Indicator

MAJOR BENEFITS

Facilitates "up-front" mounting and minimizes installation costs.

Optimizes performance and minimizes cost of frequency changes.

Provides extensive control capability and unique operational flexibility.

Dependably indicates operating mode of the radio.

Protects against system "lock-up".

Alerts operator of an unanswered call.

GENERAL  ELECTRIC

GENERAL SPECIFICATIONS

MODEL SERIES	RF POWER OUTPUT (Watts)	BATTERY DRAIN (Amps)			FCC FILING NUMBER	APPLICABLE TO PART NUMBER (FCC Rules)	RECEIVER FCC MODEL NUMBER
		Rx Standby	Unsquelled	Transmit			
M7YZ2	15	0.8 @ 13.8 VDC	1.2 @ 13.8 VDC	7 @ 13.6 FDC	KT-205-A	90	ER-132-A

SYSTEM VOLTAGE:	11 to 16 VDC negative ground	WEIGHT (Average):	3.2 kg (7 lbs.) less accessories
DUTY CYCLE (EIA):	Receiver, 100% — Transmitter, 20%	ANTENNA:	All stainless steel, 1/4 wave whip, Chrome and Lexan® base with 4.5 m (15 ft.) antenna cable.
TEMPERATURE RANGE:	−30°C to +60°C (−22°F to +140°F) For full performance per EIA.	MOUNTING:	Hardware and cables supplied for dash installation.
HUMIDITY:	95% RH @ 50°C (122°F)	EXTERNAL SPEAKER:	3.2 Ohms
SHOCK & VIBRATION:	EIA & U.S. Forest Service Specifications	HANDSET:	With Electret microphone
DIMENSIONS (HxWxD)		PUSHBUTTONS:	Power, Speaker, Volume and Clear
Mobile Unit:	6.5x19x3.3 cm. (2.7x7.5x8.9 ins)		
LED INDICATORS:	Power, Transmit, Wait/Ready and Call		

RECEIVER

FREQUENCY RANGE:	861 to 866 MHz	MODULATION ACCEPTANCE:	±7 kHz
RF INPUT IMPEDANCE:	50 ohms	INTERMODULATION:	−70 dB
CHANNEL SPACING:	25 kHz	SPURIOUS AND IMAGE REJECTION:	−70 dB
SENSITIVITY		AUDIO OUTPUT:	3 Watts, 5% distortion (1000 Hz ref.)
EIA 12 dB SINAD:	0.3 μv	FREQUENCY SEPARATION (max.):	5 MHz
20 dB Quieting:	0.4 μv		
Noise Squelch:	12 dB SINAD		
SELECTIVITY			
EIA 2-Signal:	−75 dB		
FREQUENCY STABILITY:	±0.00025%		

TRANSMITTER

FREQUENCY RANGE:	816 to 821 MHz	MODULATION DEVIATION:	±4.5 kHz
RF POWER OUTPUT:	15 Watts	FREQUENCY STABILITY:	±0.00025%
RF OUTPUT IMPEDANCE:	50 ohms	AUDIO DISTORTION:	Less than 3% @ 1000 Hz
CONDUCTED SPURIOUS & HARMONIC EMISSION:	−60 dB	FREQUENCY SEPARATION (max.):	5 MHz

OPTIONS & ACCESSORIES

- Individual Call
- Call LED Selection
- Call Monitor
- External Alarm
- Group Function
- Area Function
- BASE or TEL Function
- Selected Area Rx Monitor
- CCT Internal Adjustment
- Other 2-note and/or 7-note Alert Signal Configurations
- Control Station "Logic"



Desk Stand
(for radio unit)



AC Power Supply
(with or without remote panel)

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GE-MARC V TRUNKED MOBILE RADIO

The GE-MARC V line offers a choice of four attractive control stations based on frequency and option requirements.



CENTURA



GENERAL  ELECTRIC

Trunking... a new technology

Improved spectrum availability and a higher grade of service are now possible through the application of trunked technology to business radio.

Trunked systems, for example, allow automatic access to multiple clear channels rather than the single channel available in conventional systems.

The resulting advantages include rapid channel assignment, enhanced system privacy and little time lost from interruptions or monitoring.

All the advantages of trunked radio at a remarkably low price

For thousands of business and industrial users, the trunked radio advantages of near-instant automatic channel access, enhanced system privacy and freedom from "stepped-on" messages are clearly superior to conventional business radio service.

General Electric's new CENTURA radio is a five-channel synthesized trunked radio that offers all the benefits of

trunked radio at an economical price without sacrificing utility.

Audible alert tones and wait/ready visual indicators keep you informed of outgoing and incoming call status. A CALL light lets the operator know a call was received while he was absent from the vehicle.

The attractive woodgrain control panel complements the interior of any vehicle. And CENTURA is small and light to

allow inexpensive and easy underdash or transmission hump mounting even in today's compact vehicles.

CENTURA is the ideal mobile radio for suburban and rural users. It's the breakthrough that brings affordable trunked radio to many businesses that formerly were denied its benefits. And best of all, it's from General Electric — the leader in trunked radio technology.

System Options



CALL LIGHT can be selected for group and/or individual incoming calls.



EXTERNAL SPEAKER provides additional clarity and volume in high-noise environments.

SECOND RECEIVE CALL allows unit to receive private calls in addition to its group or all-call receive capability.



POWER SUPPLY/DESK MICROPHONE converts mobile unit for use as control station in office or dispatch area.



DELUXE HAND MICROPHONE offers streamlined styling.

Note: Some models are shown with optional equipment.

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GENERAL ELECTRIC
U.S.A.

GE-MARC V TRUNKED RADIOS SPECIFICATIONS

CENTURA



COLOR (Radio & Accessories): **Black**

APPLICATION

The GE-MARC V CENTURA trunked mobile radio has 5 channels and uses audible tones for channel control and selective signalling. All five channels are available for voice communications. Each GE-MARC V mobile and control station has its own logic and signalling package.

The GE-MARC V System does not require a central computer terminal, idle tones or a dedicated RF signalling channel.

FREQUENCY BAND: 800 MHz

TRANSMITTER POWER: 15 Watts

CHANNEL CAPACITY: 5*

*Not expandable; for use only in 5 channel systems.

PRODUCT FEATURES

- Small Size & Weight
- Synthesized Frequencies
- Microprocessor and PROM Control
- Visual & Audible Status
- Carrier Control Timer
- "CALL" Indicator

MAJOR BENEFITS

Facilitates "up-front" mounting and minimizes installation costs.

Optimizes performance and minimizes cost of frequency changes.

Provides extensive control capability and unique operational flexibility.

Dependably indicates operating mode of the radio.

Protects against system "lock-up".

Alerts operator of an unanswered call.

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GENERAL SPECIFICATIONS

MODEL SERIES	RF POWER OUTPUT (Watts)	BATTERY DRAIN (Amps)			FCC FILING NUMBER	APPLICABLE TO PART NUMBER (FCC Rules)	RECEIVER FCC MODEL NUMBER
		Rx Standby	Unsquelled	Transmit			
M6YZ2B015F	15	0.7 @ 13.8 VDC	1.1 @ 13.8 VDC	7 @ 13.6 FDC	KT-197-A	90	ER-128-A

SYSTEM VOLTAGE:	11 to 16 VDC negative ground	WEIGHT (Average):	2.7 kg (6 lbs) less accessories
DUTY CYCLE (EIA):	Receiver, 100% — Transmitter, 20%	ANTENNA:	All stainless steel, 1/4 wave whip, Chrome and Lexan® base with 4.57 m (15 ft.) antenna cable.
TEMPERATURE RANGE:	−30°C to +60°C (−22°F to +140°F) For full performance per EIA.	MOUNTING:	Hardware and cables supplied for dash installation.
HUMIDITY:	95% RH @ 50°C (122°F)	SPEAKER (internal):	4 Ohms
SHOCK & VIBRATION:	EIA & U.S. Forest Service Specifications	MICROPHONE:	Transistorized (electret)
DIMENSIONS (HxWxD) Mobile Unit:	6.5x19x24 cm. (2.7x7.5x9.5 ins)	CONTROLS:	Power switch and rotary volume
LED INDICATORS:	Power, Transmit, Wait/Ready and Call		

RECEIVER

FREQUENCY RANGE:	861 to 866 MHz	FREQUENCY STABILITY:	±0.00025%
RF INPUT IMPEDANCE:	50 ohms	MODULATION ACCEPTANCE:	±7 kHz
CHANNEL SPACING:	25 kHz	INTERMODULATION:	−70 dB
SENSITIVITY EIA 12 dB SINAD: 0.3 μv 20 dB Quieting: 0.4 μv Noise Squelch: 12 dB SINAD		SPURIOUS AND IMAGE REJECTION:	−70 dB
SELECTIVITY EIA 2-Signal: −75 dB		AUDIO OUTPUT:	3 Watts, 5% distortion (1000 Hz ref.)
		FREQUENCY SEPARATION (max.):	5 MHz

TRANSMITTER

FREQUENCY RANGE:	816 to 821 MHz	FREQUENCY STABILITY:	±0.00025%
RF POWER OUTPUT:	15 watts	AUDIO RESPONSE:	Within +1 and −3 dB of 6 dB/octave pre-emphasis, 300 to 3000 Hz per EIA.
RF OUTPUT IMPEDANCE:	50 ohms	AUDIO DISTORTION:	Less than 3% @ 1000 Hz
CONDUCTED SPURIOUS & HARMONIC EMISSION:	−60 dB	FREQUENCY SEPARATION (max.):	5 MHz
MODULATION DEVIATION:	±4.5 kHz		

OPTIONS & ACCESSORIES

- Individual Call Decoder
- Call LED Selectivity



Desk Stand



Deluxe Microphone



AC Power Supply



Desk Microphone

GENERAL ELECTRIC COMPANY • MOBILE COMMUNICATIONS DIVISION
WORLD HEADQUARTERS • LYNCHBURG, VIRGINIA 24502 U.S.A.

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