M7100 MOBILE

PARTS AND ACCESSORIES QUICK REFERENCE GUIDE

Scan

System

M7100 MOBILE
ACCESSORIES

NP101411V2
Nameplate, M/A-COM
(for Control Units)

NP101411V2
Nameplate, M/A-COM
(for Control Units)

19C852358P101
Keycap Kit, System, Standard

CN101612V1
Cable Assembly, Ribbon

CN101612V1
Cable Assembly, Ribbon

MAHG-CP7V
Control Unit, System , Front Mount
(consists of parts shown above)

MAHG-CP7U
Control Unit,Scan, Front Mount
(consists of parts shown above)

M7100 MOBILE

ACCESSORIES

NP101411V2
Nameplate, M/A-COM
(for Control Units)

NP101411V2
Nameplate, M/A-COM
(for Control Units)

19C852358P101
Keycap Kit, System, Standard

344A4584G2
Mounting Bracket
for Control Unit

344A4584G2
Mounting Bracket
for Control Unit

MAHG-CP7X
Control Unit, System, Remote Mount
(consists of parts shown above)

MAHG-CP7W
Control Unit, Scan, Remote Mount
(consists of the parts shown above)

M7100 MOBILE
ACCESSORIES

MAHG-MC5N
MC103334V10
DTMF Microphone

MAHG-MC5L
MC103334V30
Noise Canceling Microphone

MAHG-MC7T
MC101616V1
Mobile Microphone

344A4678P1
Microphone Hanger

344A4755P3
Label for 344A4611P1
and 344A4611P51
Microphones Above

MAHG-MC5A
19C851086P15
Desk Microphone

MA-011724
Rear Cover with Hookswitch
for MC101616V1 microphone

M7100 MOBILE

ACCESSORIES

19C320478G8
Handset Assembly

7141414G3
Handset Hangup Cup
Non Channel Guard

19B219846G1
Handset Hookswitch
Channel Guard

LS102824V1
Speaker, 4 Ohms

19B802671P1   Front Cover

NP101410V2   Nameplate

MAHG-MK3Z
Radio Kit
Front/Remote Mount
(consists of the parts shown above)

M7100 MOBILE

ACCESSORIES

MAHG-AN3G
AN102800V1
Antenna,136-870 MHz
¼ Wave, TNC Roof Mount

MAHG-MK3F
19C852358P102
Keycap Kit, System
Control Unit

MAHG-MK3E
19C852359P101
Keycap Kit, Scan
Control Unit

MAHG-AN3R
AN102800V2
Antenna,136-941 MHz
¼ Wave, TNC, Thick Roof Mount

MAHG-CL1X
CA101287V3
Cable, Data Interface

CA-101288-100
Adapter, Cable, Dual Radio
Audio Balance

M7100 MOBILE
HANDHELD CONTROLLERS

H2MA5U
Handheld Controller
with Cables, Remote Control
(consists of 3 items shown below)

CU101239V1
Handheld Control Unit

CA101619V1
HHC Interface Cable
without Siren Interface

MAHG-CL3B
CA101619V5
HHC Standard Interface Cable
with Siren Interface

MAHG-CL3A
CA101619V1
HHC Standard Interface Cable
without Siren Interface

RPM1132864/2
Control Unit Cable
(to vehicular charger)

EA101620V1
HHC Programming
Interface Box

M7100 MOBILE
HANDHELD CONTROLLER PARTS

MAHG-CP7Y
CU101239V1
Handheld Controller

GA-01D-5560
Microphone Cable
Assembly

GA-01D-5800
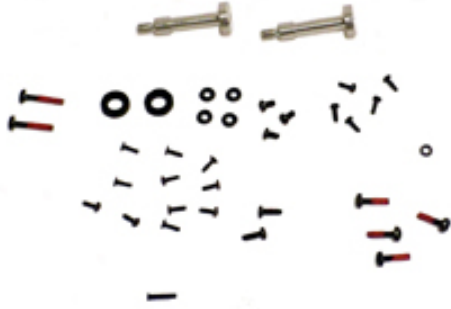Hanger Bracket Assembly

GA-03D-8960
Volume Knob Kit

GA-03D-8970
Rubber Button Kit

GE-01D-5400
Rubber Keypad

M7100 MOBILE

HANDHELD CONTROLLER PARTS

GA-03D-8950
Screw Kit

GE-02D-6080
Flex Ribbon Cable #1
2 ½ inch

GE-02D-6090
Flex Ribbon Cable #2
1 ¾ inch

SMF-3.2ACT
Fuse, 3.2Amp

SW-010182
Switch, PTT
(for HHC)

KT-010946
Mic Element with cable

KT-010945
Kit, Rear Cover Assembly
(includes rear cover, rubber gasket
and 4 washers)

M7100 MOBILE

MAHG-ZN6B
Handheld Controller Accessory Kit With Siren
Remote, 50W TX and Less
(consists of all items shown below)

CU101239V1
Handheld Controller

19B802554P7
Remote Mount Extended
Option Accessory Cable

19B802622P3
Power Cable 7.5M
50W and Below

LS102824V1
Speaker, 4 Ohms

CA101288V4
Remote Mount Extended
Option Control Cable

KT101533V1
Radio Mounting Bracket
Front/Rear mount

CA101619V5
HHC Interface Cable
with Siren Interface

19B802671P1
Front Cover, Remote Radio

NP101410V2
Nameplate for
Front Cover

M7100 MOBILE

MAHG-ZN5Z
Handheld Controller Accessory Kit Without Siren
Remote, 50W TX and Less
(consists of all items shown below)

CU101239V1
Handheld Controller

19B802554P7
Remote Mount Extended
Option Accessory Cable

19B802622P3
Power Cable 7.5M
50W and Below

LS102824V1
Speaker, 4 Ohms

CA101288V4
Remote Mount Extended
Option Control Cable

KT101533V1
Radio Mounting Bracket
Front/Rear Mount

CA101619V1
HHC Interface Cable
without Siren Interface

19B802671P1
Front Cover, Remote Radio

NP101410V2
Nameplate for
Front Cover

M7100 MOBILE
MAHG-ZN6C
Handheld Controller Accessory Kit With Siren Remote, 60W TX and More
(consists of all items shown below)

CU101239V1
Handheld Controller

19B802554P7
Remote Mount Extended
Option Accessory Cable

19B802622P1
Power Cable, 7.5M
60W and Above

LS102824V1
Speaker, 4 Ohms

CA101288V4
Remote Mount Extended
Option Control Cable

KT101533V2
Remote Mount Bracket
Radio, Long package

CA101619V5
HHC Interface Cable
with Siren Interface

19B802671P1
Front Cover, Remote Radio

NP101410V2
Nameplate for
Front Cover

M7100 MOBILE
MAHG-ZN6A
Handheld Controller Accessory Kit Without Siren Remote, 60W TX and More
(consists of all items shown below)

CU101239V1
Handheld Controller

19B802554P7
Remote Mount Extended
Option Accessory Cable

19B802622P1
Power Cable, 7.5M
60W and Above

LS102824V1
Speaker, 4 Ohms

CA101288V4
Remote Mount Extended
Option Control Cable

KT101533V2
Radio Mounting Bracket
Rear Mount, Long Package

CA101619V1
HHC Interface Cable
without Siren Interface

19B802671P1
Front Cover, Remote Radio

NP101410V2
Nameplate for
Front Cover

M7100 MOBILE

MAHG-ZN5Y
Accessory Kit, Remote Mount, 60W TX and More
(consists of all items shown below)

LS102824V1
Speaker, 4 Ohms

19B802554P7
Accessory Extended Option
Cable, Remote

19B802622P1
Power Cable,7.5M
60W and above

19B802671P1
Front Cover
Remote Radio

344A4584G2
Mounting Bracket Kit
Remote Mount, CU

344A4678P1
Microphone Hanger Kit

CA101288V4
Cable Assembly
Control, Remote Mount

KT101533V2
Mounting Bracket Kit
Remote, Long Package

NP101410V2
Nameplate, M/A-COM
Radio

KT101533V6
Mounting Kit
DB-15 Conn to
CU Bracket

M7100 MOBILE

MAHG-ZN5X
Accessory Kit, Remote Mount, 50W TX and Below
(consists of all items shown below)

LS102824V1
Speaker, 4 Ohms

19B802554P7
Accessory Extended Option
Cable, Remote

19B802622P3
Power Cable,7.5M
50W and Below

19B802671P1
Front Cover, Remote Radio

344A4584G2
Mounting Bracket Kit
Remote Mount, CU

344A4678P1
Microphone Hanger Kit

CA101288V4
Cable Assembly
Control, Remote Mount

KT23117
Mounting Bracket Kit
Tray, Short, Remote Mount

M/ACOM

NP101410V2
Nameplate, M/A-COM, Radio

KT101533V6
Mounting Kit
DB-15 Conn to CU Bracket

M7100 MOBILE

MAHG-ZN5W
Accessory Kit, Front Mount, 50W TX and Less
(consists of all items shown below)

LS102824V1
Speaker, 4 Ohms

19B802622P3
Power Cable,7.5M
50W and Below

KT101533V5
Mounting Kit, DB15-HD

344A4678P1
Microphone Hanger Kit

CA101288V2
Cable Assembly, Accessory
Front Mount

KT101533V1
Mounting Bracket Kit
Front/Rear Mount

M7100 MOBILE

MAHG-ZN6K
Control Unit, Dual Control, System, Long Package
(consists of all items shown below)

KRY1011632/14
Control Unit, System Remote

344A4584G2
Mounting Bracket Kit

19A705499P1
Alarm Relay Kit
(Quantity 2 included in kit)

LS102824V1
Speaker,4 Ohms

19B802554P7
Ext Option Accessory Cable, Remote Mount
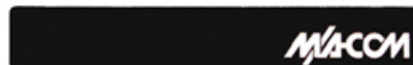
19B802554P9
Dual Control Cable Remote Mount

344A4678P1
Mic Hanger Kit

FM102044V1
Connector Support Long Package

19C852358P101
Keycap Kit,System Standard

NP101411V2
Nameplate, M/A-COM

LS-102824-005
Speaker, 8 Ohms

M7100 MOBILE

MAHG-ZN6T
Control Unit, Dual Control, System, Short Package
(consists of all items shown below)

KRY1011632/14
Control Unit, System Remote

344A4584G2
Mounting Bracket Kit

19A705499P1
Alarm Relay Kit
(Quantity 2 included in kit)

LS102824V1
Speaker, 4 Ohms

19B802554P7
Ext Option Accessory Cable, Remote Mount
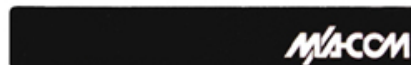
19B802554P9
Dual Control Cable Remote Mount

344A4678P1
Mic Hanger Kit

19C852358P101
Keycap Kit,System Standard

NP101411V2
Nameplate, M/A-COM

FM102960V1
Connector Support Short Package

M7100 MOBILE

MAHG-ZN6J
Control Unit, Dual Control, Scan, Long Package
(consists of all items shown below)

KRY1011632/12
Control Unit, Scan
Remote

344A4584G2
Mounting Bracket Kit

19A705499P1
Alarm Relay Kit
(Quantity 2 included in kit)

LS102824V1
Speaker, 4 Ohms
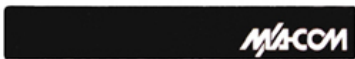
19B802554P7
Ext Option Accessory
Cable, Remote Mount

19B802554P9
Dual Control Cable
Remote Mount

344A4678P1
Microphone Hanger Kit

FM102044V1
Connector Support
VHF, 110 Watt

NP101411V2
Nameplate, M/A-COM

M7100 MOBILE

MAHG-ZN6S
Control Unit, Dual Control, Scan, Short Package
(consists of all items shown below)

KRY1011632/12
Control Unit, Scan
Remote

344A4584G2
Mounting Bracket Kit

19A705499P1
Alarm Relay Kit
(Quantity 2 included in kit)

LS102824V1
Speaker, 4 Ohms

19B802554P7
Ext Option Accessory
Cable, Remote Mount

19B802554P9
Dual Control Cable
Remote Mount

344A4678P1
Microphone Hanger Kit

FM102960V1
Connector Support
Short Package
(Except 110W VHF)

NP101411V2
Nameplate, M/A-COM

M7100 MOBILE
MAHG-ZN6L
Control Unit, Dual Control, Handheld Controller w/o Siren, Long Package

(consists of all items shown below)

CU101239V1
Handheld Controller

19A705499P1
Alarm Relay Kit
(Quantity 2 included in kit)

LS102824V1
Speaker, 4 Ohms

FM102044V1
Connector Support
Long Package

19B802554P7
External Option Accessory
Cable, Remote Mount

19B802554P9
Dual Control Cable
Remote Mount

CA101619V1
HHC Interface Cable
without Siren Interface

M7100 MOBILE

MAHG-ZN6M
Control Unit, Dual Control, Handheld Controller With Siren, Long Package
(consists of all items shown below)

CU101239V1
Handheld Controller

19A705499P1
Alarm Relay Kit
(Quantity 2 included in kit)

LS102824V1
Speaker, 4 Ohms

FM102044V1
Connector Support
Long Package

19B802554P7
External Option Accessory
Cable, Remote Mount

19B802554P9
Dual Control Cable
Remote Mount

CA101619V5
HHC Interface Cable
with Siren Interface

M7100 MOBILE

MAHG-ZN7B

Accessory Kit, Dual Radio, Stk Mtg, 60W TX SP-WSP
(consists of all items shown below)

LS102824V1
Speaker,4 Ohms

19B802622P1
Cable, Power, 7.5M
60W and Above

CA101288V210
Cable Assembly
Control, Remote Mount

19B802671P1
Cover, Front Remote, Radio

NP101410V2
Nameplate, M/A-COM
Radio

19B802554P7
External Option Accessory
Cable, Remote Mount

KT101533V6
Mounting Kit
DB15-HD Conn

CA101288V4
Cable, Assembly
Control, Remote Mount

344A4678P1
Microphone Hanger Kit

344A4584G2
Mounting Bracket
Remote Mount, CU

FM103094V1
Bracket, Dual Radio Mount
Long Package, Stacked

FM103043V1
Bracket, End Plate
Dual Mount, Stacked

FM102044V1
Support, Connector
Long Package

M7100 MOBILE

MAHG-ZN6U

Control Unit, Dual Control, Handheld Controller w/o Siren, Short Package
(consists of all items shown below)

CU101239V1
Handheld Controller

19A705499P1
Alarm Relay Kit
(Quantity 2 included in kit)

LS102824V1
Speaker, 4 Ohms

FM102960V1
Connector Support
Short Package

19B802554P7
External Option Accessory
Cable, Remote Mount

19B802554P9
Dual Control Cable
Remote Mount

CA101619V1
HHC Interface Cable
without Siren Interface

M7100 MOBILE

MAHG-ZN6N
Accessory Kit, Dual Radio, 50W TX and Less
(consists of all items shown below)

19B802622P3
Power Cable,7.5M
50W and Below

CA101288V10
Dual Radio Cable
Remote Radio

CA101288V30
Dual Radio Extension Cable
for Programming, Keyloading
and mobile data

KT101533V1
Mounting Bracket Kit
Front/Rear Mount

19B802671P1
Front Cover
Remote Radio

NP101410V2
Nameplate, M/A-COM
Radio

FM102960V1
Support, Connector
Short Package

KT101533V5
Mounting Kit, DB15-HD

KT101533V6
Mounting Kit
DB-15 Conn to CU Bracket

M7100 MOBILE

MAHG-ZN6D
Accessory Kit, Remote Mount Motorcycle with Option Cable
(consists of all items shown below)

188D6464P1
Case, Radio Mount (Black)
Motorcycle
19B804717P1 Key

188D6437P1
Bracket, Case, Antenna
Motorcycle

188D6438P1
Bracket, Case, Adapter

19B802671P1
Cover, Front Remote, Radio

NP101410V2
Nameplate, M/A-COM
Radio

LS102824V1
Speaker, Mobile, 4 Ohms

19A703965P2
Filter, RF Interference

19B802554P23
Cable, Radio to CU
Motorcycle

19B802622P2
Cable, Power, Motorcycle

KT101533V14
Mounting Bracket
Kit, Motorcycle

19B802554P24
Cable, Accessory
Motorcycle

350A1396G1
Hardware Kit
Motorcycle

350A1396G2
Hardware Kit, Mounting
Case/Antenna, Motorcycle

350A1396G3
Mounting Kit
Control Unit

350A1396G4
Hardware Kit
Case Adapter

M7100 MOBILE

MAHG-ZN6E
Accessory Kit, Remote Mount Motorcycle without Option Cable
(consists of all items shown below)

188D6464P1
Case, Radio Mount (Black)
Motorcycle
19B804717P1 Key

188D6437P1
Bracket, Case, Antenna
Motorcycle

188D6438P1
Bracket, Case, Adapter

19B802671P1
Cover, Front Remote, Radio

NP101410V2
Nameplate, M/A-COM
Radio

LS102824V1
Speaker, Mobile, 4 Ohms

19A703965P2
Filter, RF Interference

19B802554P23
Cable, Radio to CU
Motorcycle

19B802622P2
Cable, Power, Motorcycle

KT101533V14
Mounting Bracket
Kit, Motorcycle

350A1396G1
Hardware Kit
Motorcycle

350A1396G2
Hardware Kit, Mounting
Case/Antenna, Motorcycle

350A1396G3
Mounting Kit
Control Unit

350A1396G4
Hardware Kit
Case Adapter

M7100 MOBILE

MAHG-ZN6P
Accessory Kit, Dual Radio, 60W TX and More
(consists of all items shown below)

19B802622P1
Power Cable, 7.5M
60W and Above

CA101288V10
Dual Radio Cable
Remote Radio

CA101288V30
Dual Radio Extension Cable
for Programming, Keyloading
and mobile data

KT101533V2
Mounting Bracket Kit
Remote, Long Package

19B802671P1
Front Cover
Remote Radio

NP101410V2
Nameplate, M/A-COM
Radio

FM102044v1
Support, Connector
Long Package

KT101533V5
Mounting Kit, DB15-HD

KT101533V6
Mounting Kit
DB-15 Conn to CU Bracket

M7100 MOBILE

MAHG-ZN6R
Kit, Motorcycle, Field Upgrade
(consists of all items shown below)

188D6464P1
Case, Radio Mount (Black)
Motorcycle
19B804717P1 Key

188D6437P1
Bracket, Case, Antenna
Motorcycle

188D6438P1
Bracket, Case, Adapter

19A703965P2
Filter, RF Interference

19B802554P23
Cable, Radio to CU
Motorcycle

19B802622P2
Cable, Power, Motorcycle

19B802554P24
Cable, Accessory
Motorcycle

KT101533V14
Mounting Bracket
Kit, Motorcycle

350A1396G1
Hardware Kit, Motorcycle

350A1396G2
Hardware Kit, Mounting
Case/Antenna, Motorcycle

350A1396G3
Mounting Kit
Control Unit

350A1396G4
Hardware Kit
Case Adapter

M7100 Mobile

KT-200503-SPK
Remote Mount Kit
Converts a Front Mount to a Remote Mount Radio
Using Existing Control Unit
VHF & UHF Frequency Band (60W & Higher)
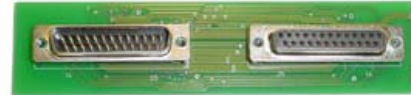### (consists of all items shown below)

B19/BRBP05191
Jack Screw
(Quantity 4 required
for Remote Rear Cover)

B19/MDNQZ5110C
Remote Rear Cover

B19/6PCLD00321
Flex PC Board
(Connects CU to Transceiver)

B19/NQZ-4882C
RIA Assembly

NP101410V2
Nameplate for Front Cover

19B803225P1
Mounting Pad
Vibration

19B802671P1
Front Cover
Remote Radio

KT101533V2
Mounting Bracket
Remote Mount (60W or Higher)

344A4584G2
Mounting Bracket for
Control Unit, Remote Mount

19B802554P7
Extended Option Cable
Remote Mount

CA101288V4
Radio Control Cable
Remote, 22ft

M7100 Mobile

KT-200502-SPK
Remote Mount Kit
Converts a Front Mount to a Remote Mount Radio
Using Existing Control Unit
VHF,UHF,800 MHz Frequency Bands(50W & Lower)
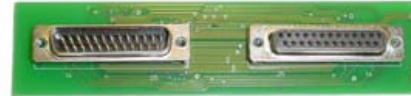### (consists of all items shown below)

B19/BRBP05191
Jack Screw
(Quantity 4 required
for Remote Rear Cover)

B19/MDNQZ5110C
Remote Rear Cover

B19/6PCLD00321
Flex PC Board
(Connects CU to Transceiver)

B19/NQZ-4882C
RIA Assembly

MACOM

NP101410V2
Nameplate for Front Cover

19B803225P1
Mounting Pad
Vibration

19B802671P1
Front Cover
Remote Radio

KT23117
Mounting Bracket
Remote Mount (50W or Less)

344A4584G2
Mounting Bracket for
Control Unit, Remote Mount

19B802554P7
Extended Option Cable
Remote Mount

CA101288V4
Radio Control Cable
Remote, 22ft

M7100 Mobile

KT-200504-SPK
Front Mount Kit
Converts a Remote Mount to a Front Mount Radio
Using Existing Control Unit
(For use with 50 Watt or Less Radios)

(consists of all items shown below)

CN101612V1
Ribbon Cable, CU

B19/MPBC33024
Rear Cover, Front Mount CU

KT101533V1

Bracket Kit, Radio Mounting
Front Mount Application

CA101288V2
Cable Assembly, Accessory
Front Mount

M7100 MOBILE
CABLES

MAHG-CL3A
CA101619V1
Cable, Interface, HHC
w/o Siren

MAHG-CL3B
CA101619V5
Cable, Interface, HHC
with Siren

MAHG-CL1Y
CA101288V30
Dual Radio Extension
Cable for Field Programming

CA101288V210
Cable Assembly
Control, Remote Mount

MAHG-CL1X
CA101287V3
Cable, Data Interface

19B802554P7
Cable, Option Accessory
Remote Mount, Extended

CA102988V1
Cable, Speaker Only
Mobile option

19B802554P9
Dual Control Cable
Remote, Mount 9M

M7100 MOBILE

MOUNTING ACCESSORIES

KT101533V1
Radio Mounting Bracket Kit
Front Mount

KT101533V2
Radio Mounting Bracket
Rear Mount

344A4584G2
Mounting Bracket Kit
Remote Control Unit

KT101533V5
Mounting Kit, DB15
Connector to Radio Bracket

KT101533V6
Mounting Kit, DB15
Connector to CU Bracket

M7100 MOBILE

MOUNTING ACCESSORIES

FM102960V1
Support, Mobile Connector
Short Package

MAHG-MA5W
FM102044V1
Support, Mobile Connector
Long Package

KT23117
Bracket Kit, Short, Remote Mount

FM103094V1
Bracket, Dual Radio Mount
Long Package, Stacked

M7100 Mobile

MISCELLANEOUS PARTS
Control Unit Parts

B19/MPBC33023
Front Panel, Scan
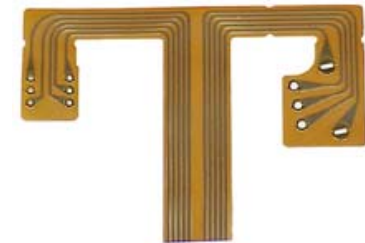
B19/MPBC30348
Front Panel, System

B19/MTV301136B
Reinforced Insulator Board

B19/MPPK30004A
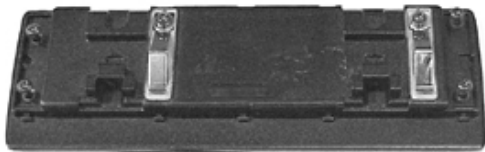Rubber Keypad, Scan

B19/MPPK01867A
Rubber Keypad, System

B19/6PCLD00307A
Flex PC Board, PC1,
(Connects to Volume Switch)
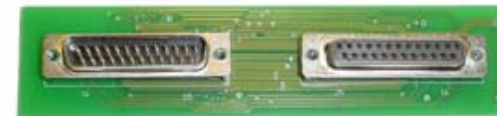
M7100 Mobile
MISCELLANEOUS PARTS
Control Unit Parts

B19/MPBC33024
Rear Cover Assembly
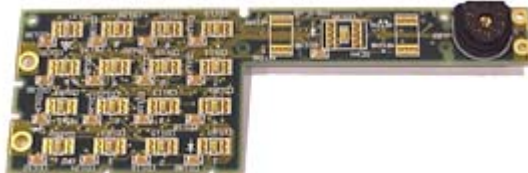for KRY1011632/11&13
Control Units

B19/MDNQZ5110C
Rear Cover Assembly
RIA for Remote Control

B19/NQZ-4882C
RIA Board for Remote Control

B19/CDF-368BC
Switch Board, Scan
Scan Control Units

B19/CDF-368MC
Switch Board, System
System Control Units

B19/CMC-638C
Control Panel Board
(For Cntrol Units)

M7100 Mobile

MISCELLANEOUS PARTS
Control Unit Parts

B19/MTV004931A
Knob Cover,Volume

B19/MTV300461
Knob Cover, Select

B19/5TZAD00296
Opto Diode, Red,TLR205,CD202,
(Located on CU Control Panel

B19/MPHD30001A
Volume Knob, Plastic

B19/MPHD30002A
Select Knob, Plastic

B19/5TZAD00560
Opto Diode,Orange,TLO205,CD201
(Located on CU Control Panel

B19/7WSLD0004
Display,Vacuum Fluorescent
(used on Control Panel)

B19/5SZJC00021
Rotary Switch (S1)
(used on Control Panel)

B19/5RVAC00106
Volume Control
(used on Control Panel)

M7100 MOBILE
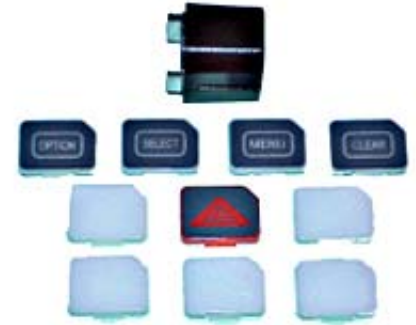## CONTROL UNIT KEYCAPS

19C852358P101

Keycap Kit, System, (Standard)
(includes 17 Keys and Extractor Tool)

D2MK3F
19C852358P102

Keycap Kit, System, (Optional)
(includes 72 Keys and Extractor Tool)

D2MK3E
19C852359P101

Keycap Kit, Scan, (Optional)
(includes 10 Keys and Extractor Tool)

B19/MPHD30108

Cover, Keycap, Blank
(for System Control Units)

B19/MTV004930D

Cover, Keycap, Blank
(for Scan and System Control Units)

19C852359P1

Cover, Keycap, Blank
(for Scan Control Units)

M7100 Mobile
MISCELLANEOUS PARTS

JRC-SCREW
Mounting Screw for
Power Cable 19B802622P1

B19/BRBP05187
Standoff used on DB37
Connector at back of PA Casting
(ORCC Connector)

B19/MTL046412A
Standoff used between the Control
Head Keypad Board and the Micro
Board

B19/BRBP05191
Stand Off used on DB25 Connector
at back of Control Unit (Remote Mount)

B19/7ZYLD00001
Standoff used to hold 12 Volt
Power Supply Connector to
PA Chassis

4-40 BLK-HEAD
Screw for 19B802554 Cables

M7100 Mobile
MISCELLANEOUS PARTS

4-40 Double
Screw for 19B802554P9 and P10
Dual Control Cables (2 required)

FM-011519
Screw for following cable assemblies
CA101288V10, V110,V210, &V15

B19/MPTG30013
Torx Screw
T-10   Length 22mm

For Use When Attaching Remote
Rear Cover B19/MDNQZ5110C
to Remote Control Units
(Qty 4 Required)

B19/BRTG00339
Thrust Washer for Torx Screw

19A149678P2 20A Fuse

19A149678P4 40A Fuse

19A149701G2
TX Fuse kit
(consists of the parts shown above)

B19/MPTG30015
Torx Screw
T10   Length 14mm

For Use When Attaching Remote
Front Cover 19B802671P1 to Radio
(Qty 2 Required)

For Use When Attaching Front Mount
Control Units to Radio (Qty 2 Required)

For Use When Attaching Rear Cover to
Front Mount Control Units (Qty 4 Required)

B19/BRTG00339
Thrust Washer for Torx Screw

M7100 MOBILE

Board Assemblies

CB-009299
(VHF 136-174 MHz)
Audio/IF Logic Board, 50W Radio

B19/TC-0135VL-ASM
(VHF 136-174 MHz)
Audio/IF Logic Board, 110W Radio

B19/TC-0147U-L-ASM
(UHF 378-430 MHz)
Audio/IF Logic Board, 50W Radio

CB-009296
(UHF 450-512 MHz)
Audio/IF Logic Board, 50W

CB-012339
(UHF 450-470 MHz)
Audio/IF Logic Board, 100W

CB-009298
(VHF 136-174 MHz)
TRX/Synthesizer Board, 50W Radio

B19/TM-0298L-ASM
(VHF 136-174 MHz)
TRX/Synthesizer Board, 110W Radio

B19/TM-0264LL-ASM
(UHF 378-430 MHz)
TRX/Synthesizer Board, 50W Radio

CB-009297
(UHF 450-512 MHz)
TRX/Synthesizer Board, 50W

CB-012338
(UHF 450-470 MHz)
TRX/Synthesizer Board, 100W

M7100 MOBILE

Board Assemblies

CB-009115

Audio/IF/Logic Board, 800 MHz, 30W Radio

B19/TM-0300LL-ASM

TRX/Synthesizer Board, 800 MHz, 30W Radio

M7100 MOBILE
MISCELLANEOUS PARTS

B19/6032469
Top Cover Assembly, VHF

B19/6516742
Top Cover Assembly, UHF

B19/6516742
Top Cover Assembly, 800 MHz

B19/5739509
Bottom Cover Assembly, VHF

B19/6516758
Bottom Cover Assembly, UHF

B19/6516758
Bottom Cover Assembly, 800 MHz

M7100 MOBILE
MISCELLANEOUS PARTS

B19/6032508

Assembly, Logic Shield Case, VHF

B19/6516564

Assembly, Logic Shield Case

UHF and 800 MHz

CN101612V1

Cable, Front Flex
CU to Logic Board
(VHF, UHF, 800)

B19/KPX2693

Kit, Mounting Hardware, Front Panel

B19/KPX2694
Kit, Antenna Connector
VHF, UHF, 800

B19/KPX2697
Kit, RF Connector, VHF

(J201/J501)

M7100 MOBILE
MISCELLANEOUS PARTS

B19/5524079
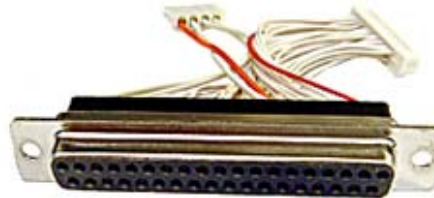Connector, DC (J1)
(UHF, 800

B19/5664417
Connector, Antenna (J2)
(UHF, 800)

B19/6345915
Cable., IF, 6 Pin (W1)
(UHF, 800)

B19/5990694
Cable, Coax, 19.2 MHz (W2)
(UHF,800)

B19/6416295
Cable, ORCC Connection (W3)
(UHF, 800)

M7100 MOBILE

MISCELLANEOUS PARTS

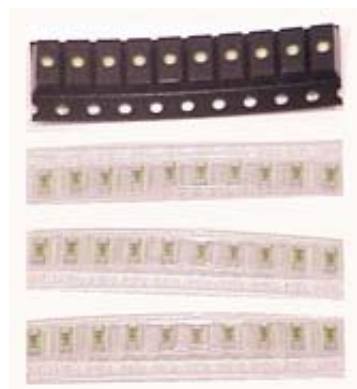**B19/KPX2465**
Screw Kit, UHF, 800 MHz

B19/KPX2695
Screw Kit, VHF (Hi Power)

B19/KXP2466
Front Panel Kit

B19/KPX2696
Cable Kit, Board Interconnect
(VHF Freq Band Only)

B19/KXP2470
Fuses Kit
VHF, UHF, 800

M7100 MOBILE
MISCELLANEOUS PARTS

Part Number	Symbol #	Mfg Type #	Description	Freq Band
B19/5711773	IC802	TDA7391	Audio Amp Module	VHF,UHF,800
B19/6177302	XU701,X501	U-PX-0083	19.2 MHz Reference Osc	VHF,UHF,800
B19/6021123	IC101,IC102	S-AV32	Power Output Module	VHF
B19/6367264	IC101	S-AU82VL	Power Output Module	UHF-L
B19/6499568	IC101	S-AU82H	Power Output Module	UHF-H
B19/6477558	IC141	RD01MU51	Power Output Module	800
B19/6031960	TR102	2SK3074	1ST IF Driver (Predriver)	VHF,UHF
B19/6236514	HC201	M75K-A-SMD-T	1ST Mixer	VHF,UHF
B19/2291546	TR121	2SC3357	Driver	800
B19/2291546	TR203	2SC3357	1ST Mixer	800
B19/KPX2698	FL1301	U-PX-0084	1ST IF Filter Pair	VHF
B19/KPX2698	FL1302	U-PX-0084	2ND IF Filter Pair	VHF
B19/6583046	FL301	U-PX-0092	1ST IF Filter Pair	UHF
B19/6583052	FL302	U-PX-0093	2ND IF Filter Pair	UHF
B19/6583046	FL301	U-PX-0092	1ST IF Filter	800
B19/6583052	FL302-FL303	U-PX-0093	1ST IF Filter	800
B19/5180851	CD101	PH-0081	Antenna Switch Pin Diode	VHF
B19/3624035	CD101-CD106	UM9401F-TR	Antenna Switch Pin Diode	UHF,800
B19/5557997	TR951,TR952	2SJ553S	Power Switch Device	VHF,UHF,800
B19/2141850	TR954,TR955	RN1304-TE85L	Power Switch Controller	VHF,UHF,800
B19/4887557	IC954	BA09FP-E2	Regulator, 9V	VHF,UHF
B19/6126153	IC953	BA09SFP-E2	Regulator, 9V	VHF
B19/5666259	IC953	NJM2391DL1-33	Regulator, 3.3V	UHF,800

M7100 MOBILE
MISCELLANEOUS PARTS

Part Number	Symbol #	Mfg Type #	Description	Freq Band
B19/3506263	IC941,951,952	TA7805F-TE16L	Regulator, 5.0V	UHF,800
B19/4228490	C1,C2	DF553F102P50	Capacitor, Feedthru	VHF,UHF,800
B19/6586537	IC952	NJM7805DL1(TE1)	Regulator, 5.0V	VHF (LP)

M7100 MOBILE

SERVICE ACCESSORIES

TQS3385
PC Programming Software

TQ3409
CA101288V15
Shop Programming/
Keyloader Cable

FM-011519 Screw for Cable

TQ3410
CA101287V1
Field Programming/
Keyloader Cable

CA101287V2
VGE Keyloader Cable

CN24741-0001
Adapter Cable, USB to RS-232

M7100 MOBILE

Key Manager Options
(Key Card and Key Readers)

IC101549V1
Key Card, Software

IC101555V1
Key Reader, RS-232 Interface

IC101555V2
Key Reader, PCMCIA Interface

IC101555V3
Key Reader, USB Interface

M7100 MOBILE

MAINTENANCE MANUALS

Operator's Manual (M7100 Radio)   MM102341V1
Installation Manual (M7100 Radio)   MM102342V1
Installation Manual (M7100/Motorcycle)   MM102343V1

MAMM-100HG (Order from Publications: Phone 434-455-9489)
(Consists of the manuals listed below)

  Maintenance Manual (Radio) VHF,100W   MM102345V1
  Maintenance Manual (Control Unit)   AE/LZB 119 3326/1

MAMM-120HG (Order from Publications: Phone 434-455-9489)
 (Consists of the manuals listed below)

  Maintenance Manual (Radio) VHF, 50W   MM102345V2
  Maintenance Manual (Control Unit)   AE/LZB1193326/1

MAMM-400HG (Order from Publications: Phone 434-455-9489)
 (Consists of the manuals listed below)

  Maintenance Manual (Radio) UHF   MM102346V1
  Maintenance Manual (Control Unit)   AE/LZB1193326/1

M7100 MOBILE

MAINTENANCE MANUALS

MAMM-800HG **(Order from Publications: Phone 434-455-9489)**
 (Consists of the manuals listed below)

    Maintenance Manual (Radio) 800 MHz   MM102347V1
    Maintenance Manual (Control Unit)   AE/LZB1193326/1