



## PUBLICATION INDEX

# CENTURY II MOBILE

## COMBINATION NOMENCLATURE

| Digits 1 & 2 | Digit 3                  | Digit 4                 | Digit 5         | Digit 6        | Digits 7-9      | Digit 10          | Digit 11      | Digit 12               | Digit 13             | Digit 14             | Digit 15                         | Digit 16         | Digit 17     |
|--------------|--------------------------|-------------------------|-----------------|----------------|-----------------|-------------------|---------------|------------------------|----------------------|----------------------|----------------------------------|------------------|--------------|
| Product Code | Transmit Frequency Range | Receive Frequency Range | Channel Spacing | Type           | RF Power Output | Ref. Capacity     | Control       | Assembled              | Oscillator Stability | Mechanical Package   | System Voltage                   | Receiver IF      | Audio Power  |
| M5           | J<br>146-174 MHz         | J<br>146-174 MHz        | 1<br>30 kHz     | C<br>FCC Spec. | 005<br>5 watts  | A<br>1 Tx<br>1 Rx | 0<br>Standard | U<br>MRPD              | A<br>± 2.5 PPM       | 0<br>Standard HB/UHF | 0<br>+12 VDC (Neg. Gnd. only)    | 0<br>45 MHz      | 0<br>3-watts |
|              | T<br>420-450 MHz         | T<br>420-450 MHz        | 2<br>25 kHz     | T*             | 010<br>10 watts | B<br>2 Tx<br>1 Rx |               | P<br>Private Brandable | B<br>± 5 PPM         | B<br>800 MHz         | 1<br>AC Power Supply             | 1<br>45.0125 MHz |              |
|              | U<br>440-470 MHz         | U<br>440-470 MHz        | 4<br>12.5 kHz   |                | 015<br>15 watts | C<br>2 Tx<br>2 Rx |               |                        | C<br>± 10 PPM        |                      | 2<br>AC Power Supply w/DC Remote |                  |              |
|              | V<br>470-494 MHz         | V<br>470-494 MHz        |                 |                | 018<br>18 watts | D<br>1 Tx<br>2 Rx |               |                        |                      |                      |                                  |                  |              |
|              | W<br>484-512 MHz         | W<br>484-512 MHz        |                 |                | 020<br>20 watts | F<br>4 Tx<br>4 Rx |               |                        |                      |                      |                                  |                  |              |
|              | Y<br>806-825 MHz         | Z<br>851-870 MHz        |                 |                | 025<br>25 watts | H<br>6 Tx<br>6 Rx |               |                        |                      |                      |                                  |                  |              |

\* Combinations with sixth digit "T" are primarily for International use. These combinations have a frequency range of 146-174 MHz.

# STRUCTURED OPTIONS

| Digit A              | Digit B             | Digit C                                     | Digit D                        | Digit F                                | Digit H                  | Digit J                    | Digit P                     | Digit T                |
|----------------------|---------------------|---------------------------------------------|--------------------------------|----------------------------------------|--------------------------|----------------------------|-----------------------------|------------------------|
| Transmit Frequencies | Receive Frequencies | Option Deck                                 | Channel Guard                  | Tweet Frequency                        | DTMF Encoder             | Carrier Control Timer      | Fixed PA Power              | Universal Tone Cable   |
| <b>0</b><br>None     | <b>0</b><br>None    | <b>0</b><br>None                            | <b>0</b><br>None               | <b>T</b><br>Alternate 2nd Osc. Crystal | <b>0</b><br>None         | <b>0</b><br>None           | <b>0</b><br>Standard        | <b>0</b><br>None       |
| <b>A</b><br>1-Tx     | <b>A</b><br>1-Rx    | <b>A</b><br>T-99 Dec (2-Tone)               | <b>C</b><br>1-Freq. (Enc/Dec)  |                                        | <b>1</b><br>DTMF Encoder | <b>1</b><br>CCT (1-Minute) | <b>1</b><br>9.5 Watts Fixed | <b>1</b><br>Tone Cable |
| <b>C</b><br>2-Tx     | <b>C</b><br>2-Rx    | <b>B</b><br>T-99 Dec (4-Tone)               | <b>D</b><br>1-Freq. (Dec Only) |                                        |                          |                            |                             |                        |
| <b>E</b><br>3-Tx     | <b>E</b><br>3-Rx    | <b>C</b><br>T-99 Dec (2-Tone w/ Ext. Alarm) | <b>E</b><br>1-Freq. (Enc Only) |                                        |                          |                            |                             |                        |
| <b>F</b><br>4-Tx     | <b>F</b><br>4-Rx    | <b>D</b><br>T-99 Dec (4-Tone w/ Ext. Alarm) | <b>F</b><br>Tone Reject Filter |                                        |                          |                            |                             |                        |
| <b>G</b><br>5-Tx     | <b>G</b><br>5-Rx    | <b>G</b><br>PA Int. Spkr. Switch            | <b>G</b><br>1-Code DCG Enc/Dec |                                        |                          |                            |                             |                        |
| <b>H</b><br>6-Tx     | <b>H</b><br>6-Rx    | <b>H</b><br>PA Int.—Ext. Spkr. Switch       | <b>H</b><br>1-Code DCG Dec     |                                        |                          |                            |                             |                        |
|                      |                     | <b>L</b><br>Channel Busy Light              | <b>J</b><br>1-Code DCG Enc     |                                        |                          |                            |                             |                        |
|                      |                     | <b>R</b><br>Data Interface                  |                                |                                        |                          |                            |                             |                        |
|                      |                     | <b>M</b><br>M-Tone CG Enc/Dec               |                                |                                        |                          |                            |                             |                        |
|                      |                     | <b>N</b><br>M-Tone CG Dec                   |                                |                                        |                          |                            |                             |                        |
|                      |                     | <b>P</b><br>M-Tone CG Enc                   |                                |                                        |                          |                            |                             |                        |
|                      |                     | <b>S</b><br>M-Code DCG Enc/Dec              |                                |                                        |                          |                            |                             |                        |
|                      |                     | <b>T</b><br>M-Code DCG Dec                  |                                |                                        |                          |                            |                             |                        |
|                      |                     | <b>U</b><br>M-Code DCG Enc                  |                                |                                        |                          |                            |                             |                        |

## OPERATOR'S MANUAL

DIGIT

ALL

LBI-30785

## INSTALLATION MANUAL

DIGIT

ALL

LBI-30952/DF9053

## BINDER

ECP-200

## MAINTENANCE MANUAL (BLACK)

DIGIT 3

J

T,U,V,W

Y

LBI-30935/DF9053

LBI-30936/DF9053

LBI-30991/DF9053

## MULTIFREQUENCY (WHITE)

DIGIT 10

B,C,D,F,H

LBI-30937/DF9053

## STRUCTURED OPTIONS

## TONE (LIGHT GREEN)

DIGIT C

0

A,B,C,D

R

S,T,U

NONE

LBI-30939/DF5051

LBI-31045

LBI-31051

DIGIT D

0

C,D,E,F

G,H,J

NONE

LBI-31153\*/DF5047

LBI-31012

DIGIT H

0

1

NONE

LBI-30877/DF5051

DIGIT J

0

1

NONE

LBI-30935

LBI-30936

DIGIT T

0

1

NONE

LBI-30935/DF9053

LBI-30936/DF9053

## SPEAKER/PA (DARK GREEN)

DIGIT C

0

G,H,L

NONE

LBI-30940/DF9053

## FIXED POWER TRANSMITTED OUTPUT

DIGIT P

0

1

NONE

LBI-30797

\*LBI-30893 - In earlier models (Prior to 7/83)

## CENTURY II OPTIONS (PCM5)

| <u>OPTION</u> | <u>PUBLICATION</u> | <u>DESCRIPTION</u>                        |
|---------------|--------------------|-------------------------------------------|
| AN01          | LBI-30935*/DF9053  | HIGH BAND/UHF ANTENNA                     |
|               | LBI-30936*/DF9053  |                                           |
| AN02          | LBI-30991*/DF9053  | 800 MHZ ANTENNA                           |
| CC01          | LBI-30952*/DF9053  | IGNITION SWITCH CABLE (2 AMPS)            |
| CC02          | LBI-30952*/DF9053  | POWER CABLE (10 AMPS)                     |
| CC03          | LBI-31045*         | MOBILE DATA INTERFACE CABLE (3-FOOT)      |
| CC04          | LBI-31045*         | MOBILE DATA INTERFACE CABLE (9-FOOT)      |
| CY01          | LBI-30800*/DF4101  | DC REMOTE CONTROL                         |
| DA10          | NONE               | LEASE NAMEPLATE (HB/UHF)                  |
| DA11          | NONE               | LEASE NAMEPLATE (800 MHZ)                 |
| CY02          | LBI-31045*         | DATA STATION INTERFACE CABLE (9-FOOT)     |
| CY03          | LBI-31045*         | DATA STATION INTERFACE CABLE (30-FOOT)    |
| LS01          | LBI-30935*/DF9053  | EXTERNAL SPEAKER                          |
|               | LBI-30936*/DF9053  |                                           |
| LS02          | LBI-30940*/DF8389  | SPEAKER AMPLIFIER & CABLE KIT             |
| LS03          | LBI-30935*/DF9053  | EXTERNAL SPEAKER (PEBBLE)                 |
| LS04          | LBI-30936*/DF9053  | EXTERNAL SPEAKER (SADDLE BROWN)           |
| MA01          | LBI-30940*/DF8389  | SPEAKER AMP MOUNTING BRACKET              |
| MA02          | LBI-30952*/DF9053  | STANDARD MOUNTING BRACKET                 |
| MA03          | LBI-30870/DF9049   | FRONT ACCESS BRACKET                      |
| MA04          | LBI-30952*/DF9053  | DESK TOP STAND                            |
| MA05          | NONE               | LOCKING BRACKET                           |
| MA06          | LBI-30952*/DF9053  | MOUNTING BRACKET (800 MHZ - BLACK)        |
| MA07          | LBI-30952*/DF9053  | MOUNTING BRACKET (800 MHZ - PEBBLE)       |
| MA08          | LBI-30952*/DF9053  | MOUNTING BRACKET (800 MHZ - SADDLE BROWN) |
| MC01          | LBI-30935*/DF9053  | STANDARD MOBILE MICROPHONE                |
|               | LBI-30936*/DF9053  |                                           |
| MC02          | LBI-30935*/DF9053  | MASTR® II STYLE MOBILE MICROPHONE         |
|               | LBI-30936*/DF9053  |                                           |
| MC03          | LBI-30777*/DF0078  | DESK MICROPHONE-NON CHANNEL GD.           |
|               | LBI-30812*/DF0078  |                                           |
| MC04          | LBI-30777*/DF0078  | DESK MICROPHONE-CHANNEL GUARD             |
|               | LBI-30812*/DF0078  |                                           |
| MC06          |                    | MASTR II STYLE MICROPHONE (PEBBLE)        |
| MK01          | LBI-30812*/DF0078  | BATTERY STANDBY KIT                       |
| MK02          | LBI-30797          | 9.5 WATT FIXED POWER TRANSMITTER          |
| MN01          | LBI-30952*/DF9053  | MICROPHONE BRACKET                        |
| MN02          | LBI-30935*/DF9053  | MICROPHONE HOOKSWITCH                     |
|               | LBI-30936*/DF9053  |                                           |
| PD01          | LBI-3184           | NOISE SUPPRESSION KIT                     |
| PS01          | LBI-30777/DF0078   | 120 VAC, 60 HZ POWER SUPPLY               |
| PS02          | LBI-30812/DF0078   | 120/240 VAC, 50/60 HZ POWER SUPPLY        |
| SH01          | LBI-30935*/DF9053  | DOC SHIELD KIT                            |
|               | LBI-30936*/DF9053  |                                           |
| SU01          | LBI-30939*/DF9053  | ALARM RELAY KIT                           |
| SW01          | NONE               | CSIP                                      |
| SW02          | NONE               | CSIP                                      |
| SW03          | NONE               | CSIP                                      |

## LEGEND:

NONE = NO INSTRUCTIONS

\* = INSTRUCTIONS PROVIDED AS PART OF  
ASSOCIATED EQUIPMENT MANUAL

# CENTURY II *Customer Preferred Package*

## PACKAGE ORDERING NUMBER

## PUBLICATION NUMBER

|                              |               |                                  |
|------------------------------|---------------|----------------------------------|
| UHF<br>MOBILE                | M5A01 - M5A04 | LBI-30936                        |
|                              | M5A05 - M5A08 | LBI-30936 & LBI-30893            |
|                              | M5A09 - M5A12 | LBI-30936 & LBI-30937            |
|                              | M5A13 - M5A16 | LBI-30936, LBI-30937 & LBI-30893 |
|                              | M5A17 - M5A20 | LBI-30936, LBI-30939 & LBI-30893 |
|                              | M5A21 - M5A24 | LBI-30936, LBI-30937 & LBI-30893 |
| HI BAND<br>MOBILE            | M5A25 - M5A28 | LBI-30935                        |
|                              | M5A29 - M5A32 | LBI-30935 & LBI-30893            |
|                              | M5A33 - M5A36 | LBI-30935, LBI-30893 & LBI-30939 |
| UHF &<br>POWER<br>SUPPLY     | M5A37 - M5A38 | LBI-30936 & LBI-30777            |
|                              | M5A39 - M5A40 | LBI-30936, LBI-30893 & LBI-30777 |
|                              | M5A41 - M5A42 | LBI-30936, LBI-30893 & LBI-30777 |
|                              | M5A43 - M5A44 | LBI-30936 & LBI-30777            |
|                              | M5A45 - M5A46 | LBI-30936, LBI-30893 & LBI-30777 |
|                              | M5A47 - M5A48 | LBI-30936, LBI-30893 & LBI-30777 |
| HI BAND<br>& POWER<br>SUPPLY | M5A49 - M5A50 | LBI-30935 & LBI-30777            |
|                              | M5A51 - M5A52 | LBI-30935, LBI-30893 & LBI-30777 |
|                              | M5A53 - M5A54 | LBI-30935, LBI-30893 & LBI-30777 |
|                              | M5A55 - M5A56 | LBI-30935 & LBI-30777            |
|                              | M5A57 - M5A58 | LBI-30935, LBI-30893 & LBI-30777 |
|                              | M5A59 - M5A60 | LBI-30935, LBI-30893 & LBI-30777 |



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