



NEWSUPERANTENNA.COM

MP1 ANTENNA™ CONFIGURATIONS FOR FREQUENCY RANGE

PLEASE SEE WEB SITE FOR
DETAILS, APPLICATION NOTES,
AND LANGUAGE TRANSLATION.

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MP1 BASIC PACKAGE CONTENTS:

- 1 SUPER SLIDER ASSEMBLY
- 1 TELESCOPIC WHIP
- 2 BASE RODS
- 1 BASE ROD COUPLING NUT
- 2 MP1 COUNTERPOISE SET
- 1 UNIVERSAL MOUNT
- 1 C-CLAMP

MP1 ANTENNA OPTIONAL PRODUCTS:

- MP1 TRIPOD (FREE STANDING PORTABLE MOUNT)
- MP80 COIL (EXTENDS FREQ RANGE TO 3.5~4.8 MHz)
- MP60 COIL (EXTENDS FREQ RANGE TO 4.9~6.9 MHz)
- MR4010 RADIAL SET (OPTIMUM GAIN 7~30 MHz)
- MR8060 RADIAL SET (OPTIMUM GAIN 3.5~6 MHz)
- MR642 RADIAL SET (OPTIMUM GAIN 50~70~148 MHz)
- MB1 BALUN (COAXIAL FERRITE ISOLATOR)
- MS1 MOBILE SET (FOR MP1 HF MOBILE USE)

TELESCOPIC WHIP
(extend to full length)

SUPER SLIDER SLEEVE

SUPER SLIDER™

SUPER SLIDER KNOB
(see adjustment guide on reverse)

SUPER SLIDER COIL

UPPER BASE ROD

BASE ROD COUPLING NUT

LOWER BASE ROD

3/8" - 24 STUD MOUNT

MOUNT ANGLE BRACKET

COUNTERPOISE RADIAL
CONNECTIONS

UNIVERSAL MOUNT PLATE

OPTIMUM FREQ. RANGE = 7MHz to 30MHz

50 MHz 55" (139 cm)
70 MHz 39" (100 cm)

OPTIMUM FREQ. RANGE = 50 ~ 143 MHz

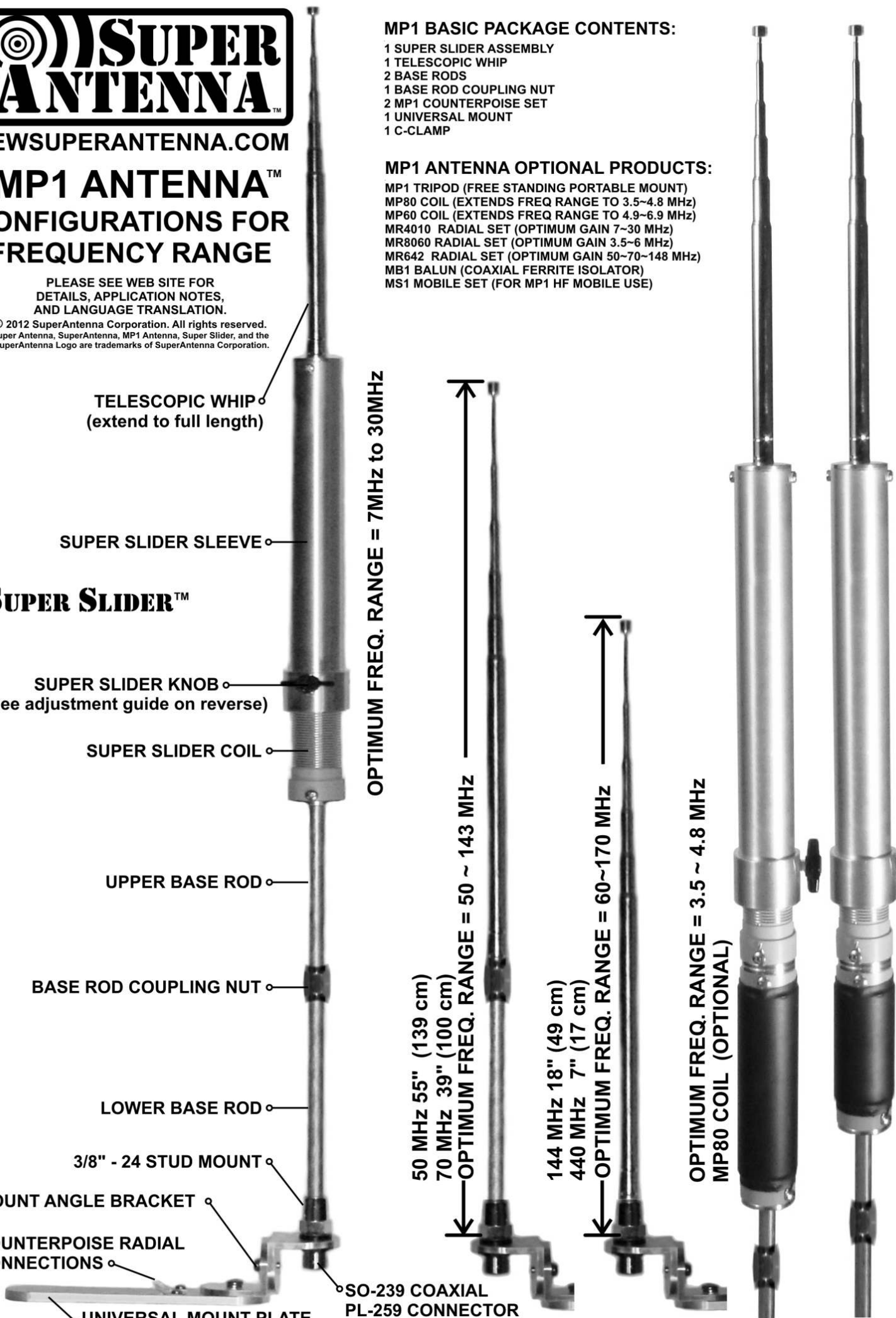
144 MHz 18" (49 cm)
440 MHz 7" (17 cm)

OPTIMUM FREQ. RANGE = 60~170 MHz

OPTIMUM FREQ. RANGE = 3.5 ~ 4.8 MHz
MP80 COIL (OPTIONAL)

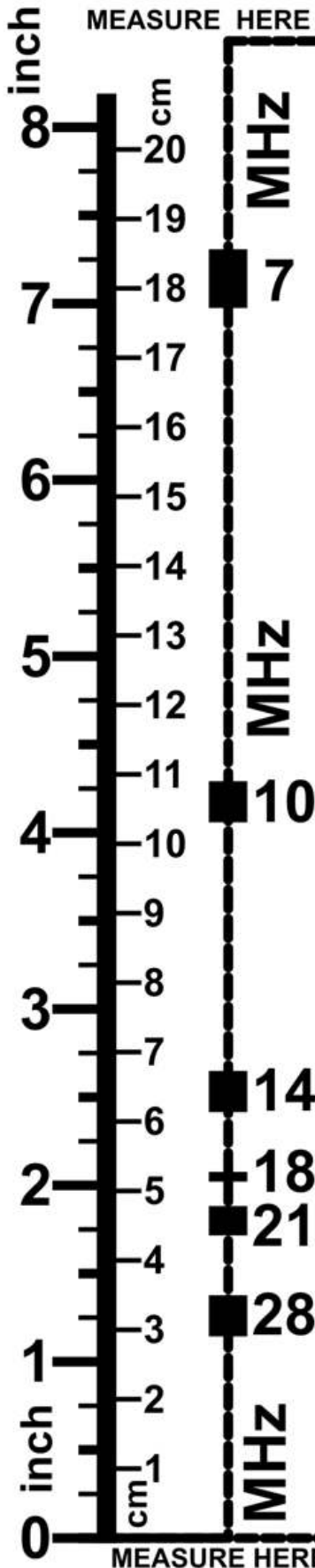
MP60 COIL (OPTIONAL)
OPTIMUM FREQ. RANGE = 4.9 ~ 6.9 MHz

SO-239 COAXIAL
PL-259 CONNECTOR



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MP1 ANTENNA INSTRUCTION SHEET



SUPERSLIDER™

ADJUSTMENT

1. LOOSEN KNOB SLIGHTLY
2. SET RADIO TO DESIRED FREQUENCY
3. MOVE SLIDER POSITION UP OR DOWN
4. ADJUST FOR MAXIMUM RECEIVE GAIN
5. CHECK SWR
6. FINE ADJUST: TELESCOPIC WHIP LENGTH
7. TO LOCK SLIDER: TIGHTEN KNOB GENTLY

MP1 ANTENNA™

INSTRUCTIONS FOR INSTALLATION AND USE

1. Attach universal mount to suitable support such as table. Use C-Clamp to secure the mount plate.
2. Assemble the antenna as shown in the drawings on reverse, to configure the frequency range.
3. Attach the antenna to the mount and position the angle bracket for vertical orientation of the antenna. Using a large phillips screwdriver, securely tighten the angle bracket screws.
4. Attach counterpoise / radial wires to connectors and fan wires out horizontally below the mount.
5. Attach a 50 ohm coaxial cable with connector (PL-259) from the radio to the mount connector.
6. Set radio to desired frequency.
7. Fully extend telescopic whip to maximum length.
8. Adjust the SuperSlider for maximum receive noise gain at your desired frequency.
9. Check SWR. If needed, re-adjust the SuperSlider or slightly change the length of the telescopic whip as needed to obtain a low SWR below 1.5:1
10. The antenna is now ready for use.



NEWSUPERANTENNA.COM

CUSTOMER SUPPORT

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