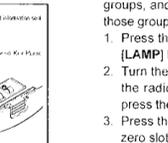


□ Enabling the Field Programming Mode

Here's how to set up the VX-300 for the Field Programming Mode:

1. Turn the VX-300 off, and remove the battery.
2. Peel off the Ni-Cd information seal from the back side of the VX-300, and remove the two screws exposed by the removal of the seal.
3. Mount the PROGRAMMING KEY PLATE into the VX-300, using the two screws removed in the previous step.
4. Replace the battery, and turn on the VX-300 while pressing the PTT button.
5. Enter the following four digit password from the keypad: [0]-[3]-[0]-[0]. The VX-300 is now operating in the Field Programming Mode.
6. When programming of the radio has been completed, remove the PROGRAMMING KEY PLATE from the VX-300, and replace the two screws on the VX-300.
7. Affix the new Ni-Cd information seal, and replace the battery.



□ Grouping Memories

Initially, the VX-300 is configured with one bank of 99 memory slots. You can program up to nine memory banks to hold different groups of memories. This is the procedure for establishing memory groups, and allocating the number of channels to those groups:

1. Press the [D] key momentarily, then press the [LAMP] key.
2. Turn the **Outer Ring** of the knob on the top of the radio until "GRP -16-" is displayed, then press the [LAMP] key again.
3. Press the [LAMP] key again to clear Bank 1 to zero slots, then turn the **Outer Ring** to allocate the number of channel slots you need in Bank 1 ("GRP 1 xx").
4. Press the [LAMP] key again to display Bank 2 (it always shows "0" slots at this point), and turn the **Outer Ring** to allocate the number of channel slots you need in Bank 2 ("GRP 2 xx").
5. Repeat Step 4 as many times as necessary to allocate the desired number of channels to the number of Banks to be used.
6. Finally, press and hold in the [LAMP] key for 1/2 second to save the new channel allocations, then press the PTT button to return to the frequency display.

PROGRAMMING

CLONING

Once all frequency and operating configurations have been successfully stored into one VX-300, the memory contents may be cloned to another VX-300 unit or units, thus dramatically reducing programming time when setting up a fleet.

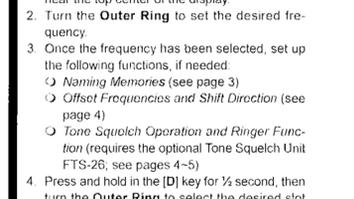
□ To Clone Memory Contents from one VX-300 to another VX-300:

1. Connect the MIC/EAR jacks of the two VX-300 together using a cable with a 4-connection plug at each end.
2. With both VX-300 transceivers turned off, turn each radio on while pressing and holding in both the PTT button and the [LAMP] key. "CLON" will appear on both VX-300s.
3. Press the MONI button of the destination VX-300; "LOAD" will appear on the display.
4. Press the PTT button on the source VX-300. "SEND" will appear (blinking) on this VX-300, and the display on the destination VX-300 should also start blinking as data is transferred.
5. If successful, "CLON" will reappear on both displays. Otherwise, one of the errors below may appear.
ERR1 = cable or connection problem.
ERR4 = low voltage; the EEPROM requires at least 3V to write. Try replacing the battery.

PROGRAMMING

CLONING

6. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).



PROGRAMMING

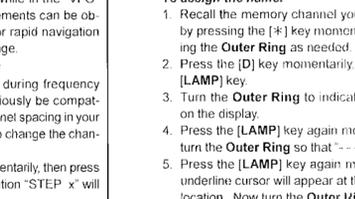
CLONING

7. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

8. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).



PROGRAMMING

CLONING

9. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

10. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

11. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

12. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

13. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

14. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

15. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

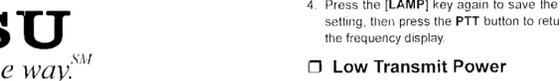
16. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).



YAESU VX-300

Programming Manual

This manual describes programming procedures for the VX-300 transceiver.



YAESU MUSEN CO., LTD.
1-20-2 Shimomaruko, Ohta-Ku, Tokyo 146, Japan
YAESU U.S.A.
17210 Edwards Rd., Cerritos, CA 90703, U.S.A.
YAESU INTERNATIONAL DIVISION, (Cantonese, English, Spanish, French, German, Italian, Japanese, Korean, Portuguese, Russian, Thai, Vietnamese, Chinese)
7270 NW 12th St., Suite 320, Miami, FL 33126, U.S.A.
YAESU EUROPE B.V.
Suiweg 3, 1118DN Schiphol, The Netherlands
YAESU UK LTD.
Unit 2, Maple Grove Business Centre,
Lawrence Rd., Hounslow, Middlesex, TW4 6DR, U.K.
YAESU GERMANY GmbH
Am Kronberger Hang 2, D-65824 Schwalbach, Germany
YAESU HK LTD.
11th Floor Tsim Sha Tsui Centre, 66 Medley Rd.,
Tsim Sha Tsui East, Kowloon, Hong Kong

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Printed in Japan

PROGRAMMING

CLONING

17. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

18. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

19. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

20. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

21. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

22. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

23. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

24. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

25. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

26. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

27. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

28. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

29. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

30. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

31. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

32. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

33. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

34. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

35. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

36. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

37. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

38. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

39. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

40. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

41. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

42. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

43. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

44. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

45. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

46. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

47. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

48. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

49. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

50. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

51. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

52. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

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PROGRAMMING

CLONING

54. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

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PROGRAMMING

CLONING

56. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

57. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

58. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

59. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

60. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

61. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

62. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

63. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING

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PROGRAMMING

CLONING

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PROGRAMMING

CLONING

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PROGRAMMING

CLONING

67. After correcting the problem, if you want to try cloning again, press the PTT button to reset the source VX-300, or turn the destination VX-300 off and back on (while holding the PTT button and [LAMP] key).

PROGRAMMING

CLONING