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> USB Programming Cable for Kenwood Radio TM-261A TM-271A TM-281A TM-461A TM471A TM281 TK-980 KPG-46 User Manual

bestkong KPG-46U

USB Programming Cable for Kenwood Radios User Manual

Model: KPG-46U | Brand: bestkong

PRODUCT OVERVIEW

This bestkong USB Programming Cable (Model KPG-46U) is designed to facilitate communication between your computer and compatible Kenwood mobile radios for programming purposes. It features a USB connector on one end and an RJ45 connector on the other, ensuring a reliable connection for data transfer.



Figure 1: The bestkong USB Programming Cable, showing the USB-A connector on the left and the RJ45 connector on the right, connected by a black cable.

PACKAGE CONTENTS

- 1 x USB Programming Cable (Model KPG-46U)
- 1 x USB Driver CD

Note: Programming software (CPS program) is not included and must be acquired separately.

COMPATIBLE RADIO MODELS

This cable is compatible with a range of Kenwood mobile radio models, including but not limited to:

- TM-271A, TM-281A, TM471A
- TM-261A, TM-461A
- TM-271E, TM-281E, TM471E
- TM-261E, TM-461E
- TM-271, TM471, TM-261, TM-461
- TK-980

SETUP INSTRUCTIONS

- 1. Install Drivers:** Before connecting the cable, insert the provided USB Driver CD into your computer's optical drive. Follow the on-screen instructions to install the necessary drivers. If your computer does not have an optical drive, or if the drivers are outdated, you may need to download the latest drivers from the manufacturer's website or a reputable source.
- 2. Connect Cable to Computer:** Plug the USB-A end of the programming cable into an available USB port on your computer. Your operating system should recognize the new hardware and may attempt to install drivers automatically if not already installed.
- 3. Connect Cable to Radio:** Locate the programming port on your Kenwood mobile radio. This is typically an RJ45 (Ethernet-style) port. Carefully insert the RJ45 end of the programming cable into this port until it clicks into place.
- 4. Verify Connection:** Once both ends are connected, your computer should indicate that the device is ready for use. You can verify the installed COM port number in your computer's Device Manager (under "Ports (COM & LPT)").

Important Note on Windows 11 Compatibility: Some users have reported issues with the provided drivers not being compatible with Windows 11. If you encounter problems, search for updated drivers online or consider using an older operating system if available for programming tasks.

OPERATING INSTRUCTIONS

This cable acts as an interface between your computer and the radio. It does not perform programming functions itself. You will need compatible programming software (CPS - Customer Programming Software) for your specific Kenwood radio model.

- 1. Launch Programming Software:** Open the appropriate CPS software for your Kenwood radio on your computer.
- 2. Select COM Port:** Within the programming software, navigate to the communication settings or port selection menu. Choose the COM port number that corresponds to your installed USB programming cable (as identified in Device Manager during setup).
- 3. Read/Write Radio Data:** Follow the instructions within your specific CPS software to read the current configuration from your radio, make desired changes, and then write the updated configuration back to the radio. Ensure the radio is powered on during this process.
- 4. Save Configuration:** It is highly recommended to save a backup of your radio's original configuration before making any changes.

For detailed instructions on using the programming software, refer to the manual provided with your specific Kenwood CPS.

MAINTENANCE

The bestkong USB Programming Cable is designed for durability. To ensure its longevity and proper function:

- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid sharp bends or kinks in the cable, especially near the connectors, as this can damage internal wires.
- **Cleaning:** If necessary, gently wipe the cable and connectors with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Connection/Disconnection:** Always grasp the connector housing when plugging or unplugging the cable, not the cable itself.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Cable not recognized by computer.	Drivers not installed or corrupted.	Install drivers from the provided CD or download the latest version online. Try a different USB port. Restart your computer.

Problem	Possible Cause	Solution
Programming software cannot find the radio.	Incorrect COM port selected in software; Radio not powered on; Loose connection.	Verify the correct COM port in Device Manager and select it in the software. Ensure the radio is powered on. Check cable connections at both ends.
"Error writing to radio" message.	Radio is in an incorrect mode; Software version mismatch; Corrupted data.	Ensure the radio is in programming mode (if applicable). Verify your CPS software version is compatible with your radio model. Try reading from the radio first.
Drivers not working on Windows 11.	Incompatibility with newer operating systems.	Search for community-developed drivers or workarounds for Windows 11. Consider using a computer with an older Windows version (e.g., Windows 7/10) for programming.

SPECIFICATIONS

Model Name:	KPG-46U
Brand:	bestkong
Connector Type:	USB-A, RJ45
Cable Type:	USB
Cable Length:	Approximately 36 inches (0.91 meters)
Color:	Black
Item Weight:	1.41 ounces (40 grams)
Package Dimensions:	6.42 x 4.84 x 0.51 inches
UPC:	698775190004

WARRANTY INFORMATION

Specific warranty details for this product are typically provided by the seller at the time of purchase. Please refer to your purchase documentation or contact the seller directly for information regarding warranty coverage, duration, and claims procedures. Standard return policy: 30 days for refund/replacement.

CUSTOMER SUPPORT

For technical assistance, driver updates, or product inquiries, please contact the manufacturer or seller directly. Refer to the contact information provided with your purchase or on the product packaging.

Seller: **bestkong**

