KRAMER

USER MANUAL

MODEL:

VCO DEVICE
Firmware Upgrade

VCO Device Firmware Upgrade Procedure

1. Turn on the VCO device.

2. Connect the computer to the VCO device via Ethernet.

3. Run K-Upload software.

4. Connect the K-Upload software to the VCO device according to the K-Upload guide.

   - Set K-Upload to TCP.

   - Default IP address 192.168.1.39.

   - Default TCP port 5000.

5. Select and upload appropriate RBF file.
   A message appears asking if you want to restart the device.

6. Click **Cancel** on the Restart message.

7. Select and upload the appropriate KFW file.
   A message appears asking if you want to restart the device.

8. Click **Restart**.

9. Power cycle the VCO device.

10. Perform a factory reset of the VCO device:

    1. Turn the device on.

    2. Using small screwdriver press and hold the Reset (Test on VCO-1) button.

    3. Hold the Reset button for at least 5 seconds until LED (for VCO-8/16 - LOOP LED, for VCO-5UHD - Output 1 LED) flashes rapidly.

    4. Release the Reset button.

ⓘ   After the factory reset the first 3 groups of the IP addresses are reset to default 192.168.1.---.
    The forth group remains defined by the DIP switches as described in the User Manual.