

## 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 UDP 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 off.
  2. Using small screwdriver press and hold the Reset (Test on VCO-1) button.
  3. While holding the Reset button, turn the device on.
  4. Hold the Reset button for at least 5 seconds.
  5. 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.