

# DCP 100 TAC TIP

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## How to use the controller as a Set Point Programmer

Model # DC10X-X-X-7-XXXXXX-X

Output 3 for the DCP 100 can be used to re-transmit the Programmer's setpoint to numerous other Controllers.

Listed below are the steps needed

### 1. Set Hardware Definition Code

- Remove power from the Programmer. While you are re-applying power to the Programmer, hold down the “↑“ and the SET UP” keys simultaneously. Keep these keys held in until “Input” appears in the *Message* display. This is approximately 10 seconds:
- Hold down the “↓ and the SET UP” keys until “HwDefine” appears in the *Message* display:

Conf  
2717  
HwDefine

- Set Output 3, to “7” (Recorder Output). Use the Raise/Lower key to make changes. Once Change is made, Press the Mode key to confirm.
- ***To Exit:*** Hold down the “↓“ and the SET UP” keys simultaneously.

### 2. Set Output 3 Usage

- Remove power from the Programmer. While you are re-applying power to the Programmer, hold down the “↑“ and the SET UP” keys simultaneously. Keep these keys held in until “Input” appears in the *Message* display. This is approximately 10 seconds:

Conf  
XXXX  
Input

- Press the SETUP key to :

Conf  
rEcS  
Out3 Use

- Use the Raise/Lower key until rEcS appears in the middle display.
- Once Change is made, Press the Mode key to confirm.
- ***To Exit:*** Hold down the “↑“ and the SET UP” keys simultaneously.

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## 3. Set Output Scaling

- Press the **Mode** key until the *Set & the Prog are not lit*.
- Hold down the “**↑ and the SET UP**” key simultaneously:
- Set the “**Unlock**” to your Lockout code (10 is the factory default), then press the **Set Up** key.
- Press the **Mode** key until the *Set* light is **lit & Prog** light is **out**.
- Press the **SET UP** key till “**Rec High**” appears in the message display.  
Enter the value which represents 20 ma from the programmer. (This is normally the “Input High” value.)
- Press the **SET UP** key till “**Rec Low**” appears in the message display.  
Enter the value which represents 4 ma from the programmer. (This is normally the “Input Low” value.)
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Once **Changes are made**, Press the **Mode** key till **exit** appears in the message display.  
To exit, Press **SET UP**.

### Wiring Example:

