



PayPro

Payment Terminal
Interfacing with a Carwash Timer



Introduction

This manual provides the necessary steps for setting up and operating a load by activating a Timer using the Mini terminal as the payment system. The system uses a timer to control the power to various loads, such as pumps, lights, or other devices, in a car wash setup or any other setup. Please read this manual carefully to ensure correct installation and usage.

Package Contents

- 1 x PayPro Terminal
- 1x DC Jack Cable to power terminal from a DC source
- 1x Antenna
- 1x Backplate and 4 screws
- 1x Coin Pulse Cable
- 24VAC to 12VDC converter



PayPro Terminal



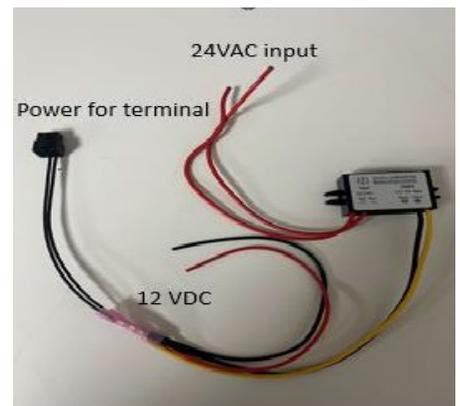
DC Jack Cable



Antenna



Coin Pulse Cable



24VAC to 12VDC converter

Safety Precautions

- Ensure that all connections are made securely before powering up the system to avoid short circuits or electrical damage.
- Double-check the voltage and current ratings of the components before connecting them to ensure compatibility.
- Always disconnect power before making or adjusting any connections to avoid electrical shock or damage.

Device Connection Setup

1. Connecting the Coin Pulse cable

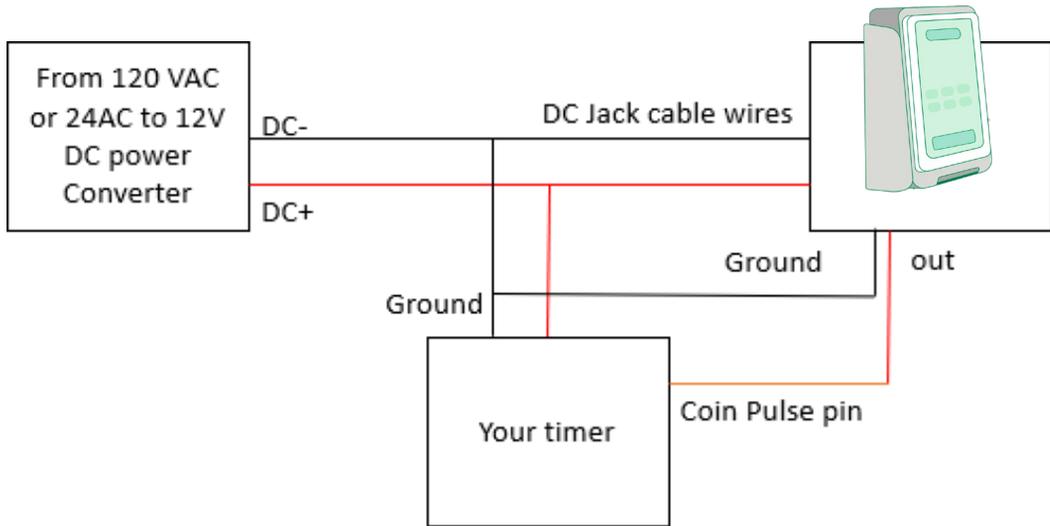
- **Objective:** Establish control signals between the terminal and the timer.
- **Action:**
 1. Connect the Coin Pulse cable to the third port (Coin Pulse) on the back of the terminal.
 2. On the other end of the cable, attach the red wire coming from the Out/Ground side to the Coin Pulse pin on the timer. This wire will send control signals to trigger the timer and connect the black wire to the ground pin of the timer.

2. Terminal Powering

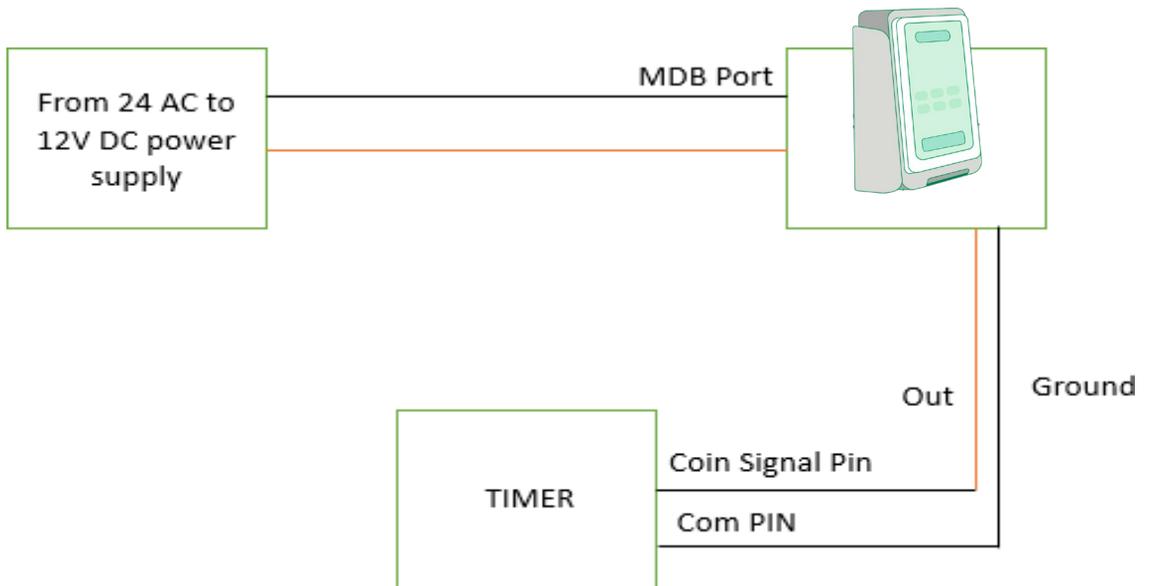
- **Objective:** Provide power to the terminal.
- **Action:**
 1. Connect the 6-pin connector Jack cable to the MDB Port on the back of the terminal to provide power to the terminal. In case you have a 12 DC power source, you can use the provided DC Jack cable.
 - VDC+ (Positive Terminal of the source) Connect it to the red wire.
 - VDC- (Negative Terminal of the source) Connect it to the black wire.

If you have 24VAC available you can just connect the 2 red wires to your 24VAC source and the MDB connector to the back of the terminal. The other 2 DC wires should be isolated if you do not need them.

Note: If you have 120VAC or 24VAC you need to use a converter to 12VDC.



Connection diagram of the system using DC source



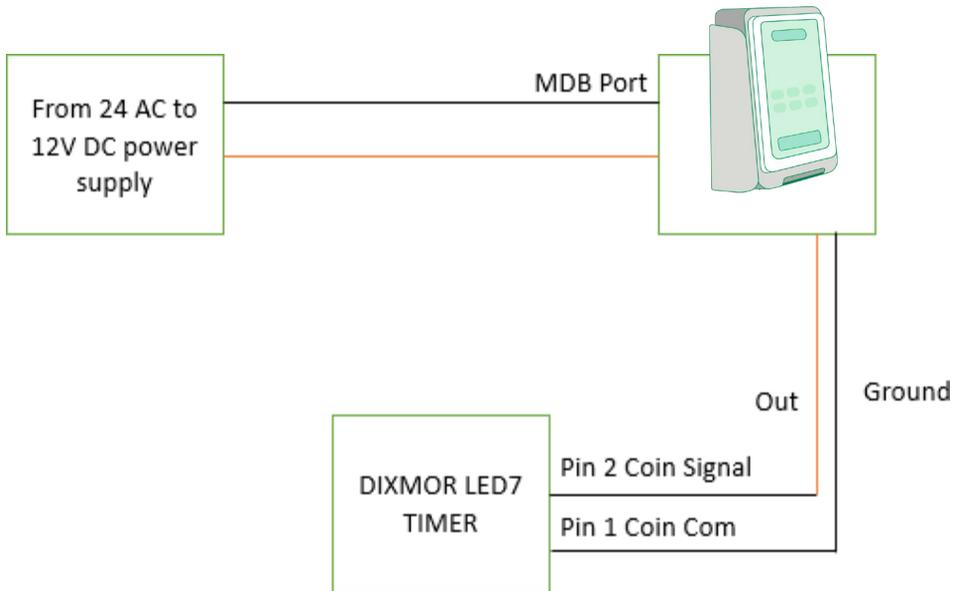
Connection diagram of the system using the converter

Note: The PayPro accepts DC voltages from 9VDC to 45VDC so it can be powered from 12VDC. The DC source should be able to provide at least 2A. Most carwashes have 24VAC available, so they need to use a converter

Note: The antenna should be connected to the main port of the terminal to boost the LTE signal.

For DIXMOR Timers

If your carwash system uses DIXMOR timers, this is how to wire it to the PayPro, so that the DIXMOR timer will be in Count Down mode.



DIXMOR wiring diagram for Count Down mode

Carwashes that have the DIXMOR timer usually have 24VAC power available, which is not compatible with the power requirements of the terminal, so they have to use a converter to convert from 24VAC to 12VDC.

Troubleshooting

Timer not triggering

Ensure that the coin pulse cable is properly connected to the timer.

Load not powering on

Check the connection between the Timer Load pins and the load. Make sure the power supply is correctly connected.

Inconsistent operation

Verify that the rotary switch is set to the correct position and ensure that the power supply is stable. In case you are using a rotary switch and have many loads.