



Universal MKII Controller

Photocopying Coins and Tokens



APPLICATIONS

The Universal MKII Controller is a reliable and cost effective coin-operated device for control and revenue earning applications associated with upfront payment requirements.

Coinboxes are designed to allow pre-payment within the service industry. Users insert a combination of coins and/or tokens in order to gain access to the photocopier. Users can make as many copies as they wish depending on the amount of credit they have inserted.

The Unit is available in 2 distinct models:

UNIVERSAL MKII-MP:

Accepts multiple coin / token denominations.

UNIVERSAL MKII-SP:

Accepts only one coin / token denomination.

FEATURES

- Maintenance free operation
- Ease of use
- Controlled by a high performance 8 bit Microprocessor
- Innovative coin measuring system
- Integral safety functions ensure a high protection against fraud
- Compact design
- Compatible with a range of Photocopiers
- Universal can be configured for coins and/or tokens
- Self-diagnostic on power up

INTERFACE

The Universal MKII Controller employs an 8 bit Microprocessor running at 4 Mhz. Enhanced features ensure a high level of reliability, coupled with robust functionality.

The CPU (Central Processing Unit) manages the activities of all hardware components

within the coinbox, namely the coin mechanism, the customer display, service key switch and the application interface.

The in-house development, manufacture and assembly of the Universal MKII Controller allows for the design and implementation of added functionality specific to a client's particular requirements – contact Plankomat for your additional requirements.

Standard “key counter” interface i.e. 24 VDC deduct pulse/A4 enable loop/A3 enable loop.

OPERATION

- Equipped with latest compact electronic coin mechanism, allowing single or multiple coin insertion, individual coin blocking and price settings both done via dip switch on site, without the need for a programming module.
- The steel housing incorporates a separate lockable cash box, Central Processing Unit (CPU), interface logic, single or multiple coin mechanisms and override key switch facility for service mode or free vend.
- Coins are inserted in a single coin slot, located on the front panel. Reject coins are rejected via a reject knob and returned to the reject cup below.
- The unit is fitted with a standard interface to the copier and automatically accumulates credit upon insertion of any combination of coins. On power down the unit retains credits in its memory.
- The number of credits is displayed on the customer display. Credit systematically decrements whenever a legitimate copy is made. When no credits are available, the copier is disabled until further coin insertion. The unit caters for both A4 and A3 modes.

TECHNICAL SPECIFICATIONS

- | | |
|-------------------------|---|
| • Type: | Universal MKII Controller |
| • Function: | Coin-operated photocopier device |
| • Electronics: | Microchip 8 bit Microprocessor |
| • Memory: | EEPROM for credit backup |
| • Operating Conditions: | 20% - 80% Relative humidity |
| • Temperature Range: | + 10 °C to + 50 °C - standard |
| • Coin Acceptance: | Multiple: R5 / R2 / R1 / 50c / 20c / 10c / 5c and 25mm non-grooved nickel plated tokens
Single: As above, limited to a single denomination |
| • Coinbox Dimension: | H390 W160 D160 mm |
| • Weight: | Approx 5 kg |
| • Supply Voltage: | +24V DC / 1 AMP (Fused at 630ma) |
| • Use: | Indoors only |

Subject to change without notice

Contact our sales team at:

Tel: +27 11 782 0181

Fax: +27 11 782 0188

E-mail: marketing@plankomat.co.za

or sales@plankomat.co.za

Website: www.plankomat.co.za

PLANKOMAT
Electronic Payment Systems