

# *User manual*

## *Catcoin MD-80*



A.u.S. Spielgeräte GesmbH  
Scheydgasse 48 A-1210 Wien  
Tel. +43-1-271 66 00 Fax. +43-1-271 66 00 75  
E-mail: [verkauf@aus.at](mailto:verkauf@aus.at)  
<http://www.aus.at> <http://www.garlando.at>  
Öffnungszeiten: Mo-Do 9-18 und Fr. 9-17 Uhr

## ***USER    MANUAL MD-80***

### ***About this Manual***

This manual consists of the following chapters:

#### **Introduction**

This chapter introduce the features of the device, list a checklist of items that are shipped with the package.

#### **Structure**

Illustration of the structure of the machine.

#### **Operation**

The Operation chapter describes how to make the device work.

#### **Maintenance**

#### **Specification**

## ***Introduction***

The MD-80 is a reliable, easy operated banknote detector. It recognizes counterfeit banknotes from genuine ones. With its rechargeable battery cells inside, it can be brought to anywhere when needed.

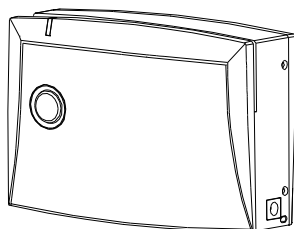
For MD-80 we will consider the following precautions:

- Do not approach your eyes to the slot of banknote passage;
- Do not insert any highly reflective object in the scanning area;
- Do not use the device in case of a rupture of the case of the detector, as it would be possible to see the laser emission directly;

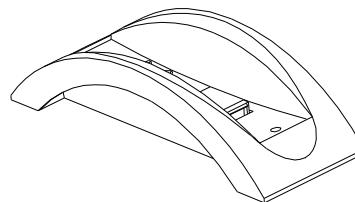
The MD-80 has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

## ***Items shipped with the package***

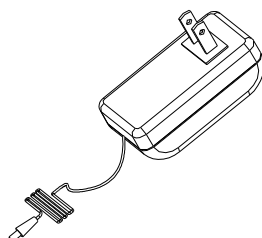
Please check the part list, and inside the box should include the following:



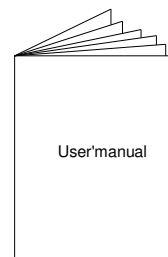
MD-80 Banknote detector



Pedestal



AC/DC adaptor



User manual



belt

## Structure

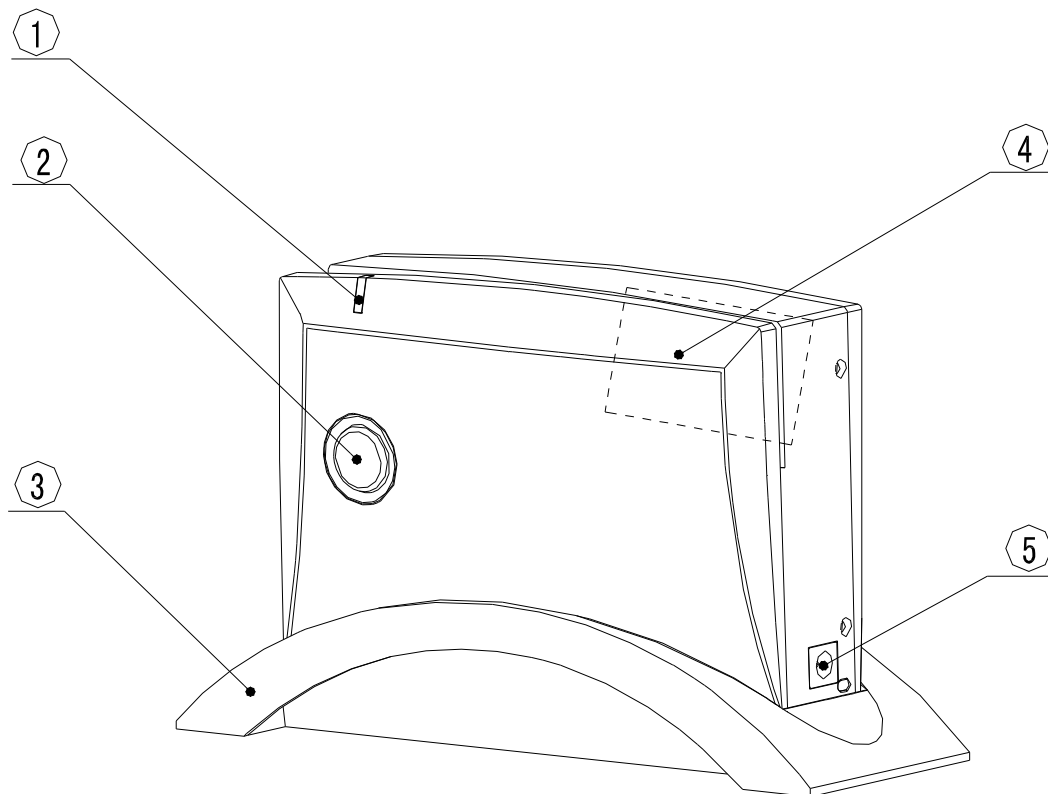


Figure 1

- ① Discerning indicator (blue & red);
- ② Power key (containing a blue indicator);
- ③ Pedestal;
- ④ Scan area;
- ⑤ Socket for the power cable;

## Operation

### Power Supply

Working with AC/DC adapter:

1. Connect the DC output plug into the DC socket of the MD-80;
2. Insert the adapter into the mains( 230V/110V );
3. The MD-80 will automatically turn on;

Working with built-in battery:

1. By pressing the *Power Key* and holding on for about 2 seconds, with 2 Bi sound the MD-80 can be turned on.
2. The machine will turn off itself **automatically** after 30 minutes, if there is no operation.

In working mode, pressing the *Power Key and holding* for about 2 seconds will turn off the MD-80.

### Passing Way of Banknote

- A. Make sure that the note goes through the scanning slot correctly. On the front of the banknotes, there are windows and gateways. Making the front of the banknote towards you, with the hologram foil stripe or hologram foil patch on the right side (see figures 2 & 3);

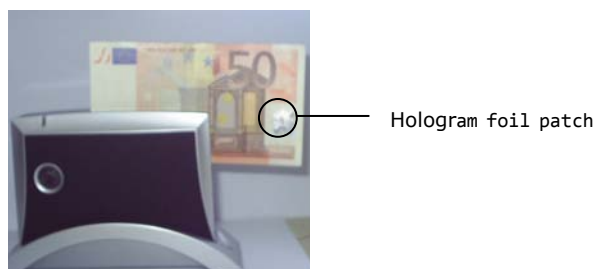


Figure 2 Position of the note through the scanning slot.



Figure 3. Correct position of the note through the scanning slot.

- B. The note must go through in a completely horizontal position from left to right. **Trying to keep the lower part of the note always in contact with the base of the scanning area** (see figure 4).



Figure 4

- C. The scanning result is obtained when the note has gone through.  
Genuine note-----Green indicator turning on and 1 Bi sound;  
counterfeit note-----Red indicator turning on and 3 Bi sound;

**The time of passing of the note should not exceed the 5 seconds.**  
**If it goes over that time, the MD-80 will not give a scanning signal.**

If a note is detected as a false one, pass it again, be sure that you are doing it on the right position. Remember that false note is reported not only in the case of a false banknote, but also if you pass a genuine note in a wrong **feeding direction**.

### ***Battery Status Message***

When the machine is charging the battery, the *Power indicator* will flash at an interval to indicate the charging status. Usually it needs about 10 hours or more to make the battery fully.

## **Maintenance**

The following indications will help you take profit of the working of the device.

- A. Do not expose the device to extreme environmental conditions, where temperature and humidity are too high.
- B. Do not try to disassemble the device.
- C. Do not mishandle the device by hitting it or letting it fall, as it could suffer damages.
- D. Do not clean the device with any chemical product or strong solvent. To clean it just used a soft cloth mildly humidified.
- E. In case of damage, get in touch with our Agent or Seller as soon as possible.

## **Specification**

Detecting Currency -----	EURO
Detecting Method -----	spectrum
Warning mode -----	indicator, sound
Mains -----	220V/ 50Hz or 110V/60Hz
	Backup battery (optional)
Power consumption -----	MAX 3W
Battery capacity -----	7.5V 700mAH
Dimensions -----	172x62x105 mm ( <i>L x W x H</i> )
Weight -----	460g
Temperature (Storage) -----	-20°C ~ 70°C
Humidity (Storage) -----	10% ~ 90%
Temperature (Operation) -----	10°C ~ 40°C
Humidity (Operation) -----	20% ~ 80%

## **Accessories available**

186-0081 Bag for MD-80

185-0082 Car charging cable 12 volt

