



## PD500 Color TFT LCD monitor with stand, 5", black, USB+RS232

You can't stop the development, text customer's displays are going into the past. They are replaced by graphic color LCD displays, one of the first is the Birch PD500 - a customer-friendly alphanumeric TFT-LCD display at an affordable price. Compared to classic customer displays, it has many advantages. The biggest advantage is - that the user does not have to change anything in his software! The PD500 is fully compatible with VFD displays.

Birch PD500 is a custom alphanumeric TFT-LCD display for cash, post and other offices at an unbeatable price. Displays 80 characters in four lines. Controlled is via USB or RS232 in the standard command language of your choice (LD220, DSP800, UTC/S, ESC/POS, AEDEX, CD5220 and others). The display panel can be rotated up to 355 °.



YOUTUBE='-IG9HzHIWjE'

YOUTUBE='h1jxVcqLb0'



# Technical Description

## Functionality & Operation

|                         |                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Display type            | 5" TFT-LCD color, Panel 113,5 x 65,5 x 40 mm                                                                          |
| Number of characters    | 80 characters (20 characters x 4 lines), 40 characters (20 characters x 2 lines)                                      |
| Language support        | CP437, KATAKANA, CP850, CP860, CP863, CP868, CP857, CP866, CP852, CP737, CP858, CP864, WCP1250-53, WCP1255, WCP1257-8 |
| Communication interface | USB, USB-VCP, RS232                                                                                                   |
| Fonts                   | 95 Alphanumeric, 32 international characters                                                                          |
| Font size               | Width: 5.25mm, Height: 8mm                                                                                            |
| Brightness              |                                                                                                                       |
| Commands set            | ESC/POS, EMAX (AEDEX), UTC/S, UTC/P, DSP800, CD5220, AMD787/788 , 15 kinds, E.g LD220, LOGIC CONTROL etc              |

## Optical

|                    |                                                            |
|--------------------|------------------------------------------------------------|
| Resolution         | 480*272 / 800*480, character font 24*48 / 40*80 dot matrix |
| Maximal skew angle | 135°                                                       |

## Electrical

|              |                |
|--------------|----------------|
| Power Source | 5 VDC ~ 24 VDC |
|--------------|----------------|

## Mechanical

|                        |                                           |
|------------------------|-------------------------------------------|
| Weight                 | 600g                                      |
| Maximal rotation angle | 355°                                      |
| Dimensions             | Width: 89mm, Height: 13.5mm Length: 126mm |

## Others

|                              |               |
|------------------------------|---------------|
| Certifications               | CE, FCC, RoHS |
| MTBF (mean time before fail) | 30000hr       |

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