



## Jumpers DA, HL and RA

The DA, HL and RA jumpers determine the source of the drives internal *Head Load* signal.

When the DA jumper is placed the *Drive Select* signal will be used as internal *Head Load* signal.

When the HL jumper is placed the input on pin number 4 will be interpreted as a *Head Load* input signal and also be used as internal *Head Load* signal.

When the R jumper is placed the internal *Head Load* signal will be permanently active independent of any input signal

When the DA, HL and RA headers are not soldered, or no jumper is placed and the internal *Head Load* signal is undefined.

When both DA and RA are placed the drive will also operate in multiplex mode. In multiplex mode the drive is permanently active, as if its *Drive Select* signal was active.

The HL jumper may be placed when the floppy controller generates a valid *Head Load* signal. In the default setting the DA jumper will be placed.

## Jumpers DC and RC

The DC and RC jumpers select what signal shall be output on pin number 34.

When DC is placed the *Disk Change* signal will be used.

When RC is placed the *Ready* signal will be used.

For PC-AT interfaces the DC jumper should be placed, this is also the default setting.

## Jumpers ML and MH

The ML and MH jumpers determine how the *Density Select* (Pin number 2) input signal should be interpreted.

When the ML jumper is placed a high signal on the *Density Select* pin switches the drive into high density mode and a low signal switches the drive into low density mode.

When the MH jumper is placed the behavior is inverted, a high signal on the *Density Select* pin switches the drive into low density mode and a low signal switches the drive into high density mode.

For PC-AT interfaces the MH jumper should be placed, this is also the default setting.

## Jumpers S and D

The S and D jumpers control how the density mode effects the drive.

When the S jumper is placed the density mode only effects the read data filter, the rotational speed will always be 360 RPM.

When the D jumper is placed the rotational speed will be 360 RPM when the drive is in high density mode and 300 RPM when the drive is in low density mode.

For PC-AT interfaces the D jumper can be placed. The S jumper is placed in the default setting.

## Jumper S1

The S1 jumper controls whether or not the input on pin number 4 should be interpreted as *In Use* signal.

When the S1 jumper is not placed the signal will be interpreted as *In Use* signal.

When the S1 jumper is placed the signal will not be interpreted as *In Use* signal.

If it is interpreted as *In Use* signal, an active *In Use* signal will also turn the activity LED in the front panel on.

This jumper should be placed when the floppy controller doesn't generate a valid *In Use* signal. It is placed in the default setting.

## Jumpers S2 and S3

The S2 and S3 jumpers determine the behavior of the drives activity LED in the front panel.

When S2 is placed the activity LED will light up with the *Drive Select* signal.

When S3 is placed the activity LED will light up with the *Motor Enable* signal.

In the default setting S2 is placed.