



Lucky Star Board 5.0 User Manual

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1 Introduction

Lucky Star Board 5.0 can receive the standard VGA (R, G, B, Hs, Vs) output signals and convert them into analog composite NTSC or PAL video. The Flic-Free™ filter provides selectable filter settings to produce a clear and stable TV image. Lucky Star Board 5.0 is the upgraded version of Lucky Star Board. LSB5.0 is designed to have better stability inside a PC with components on both sides of the board for better heat dissipation and 2 wire sets on the same side.

Features:

Purely hardware design, suit for any operation system, no software needed, no further setting on PC, Plug & Play.

Supports VGA input at the following resolutions:

640x480 @ 85 Hz

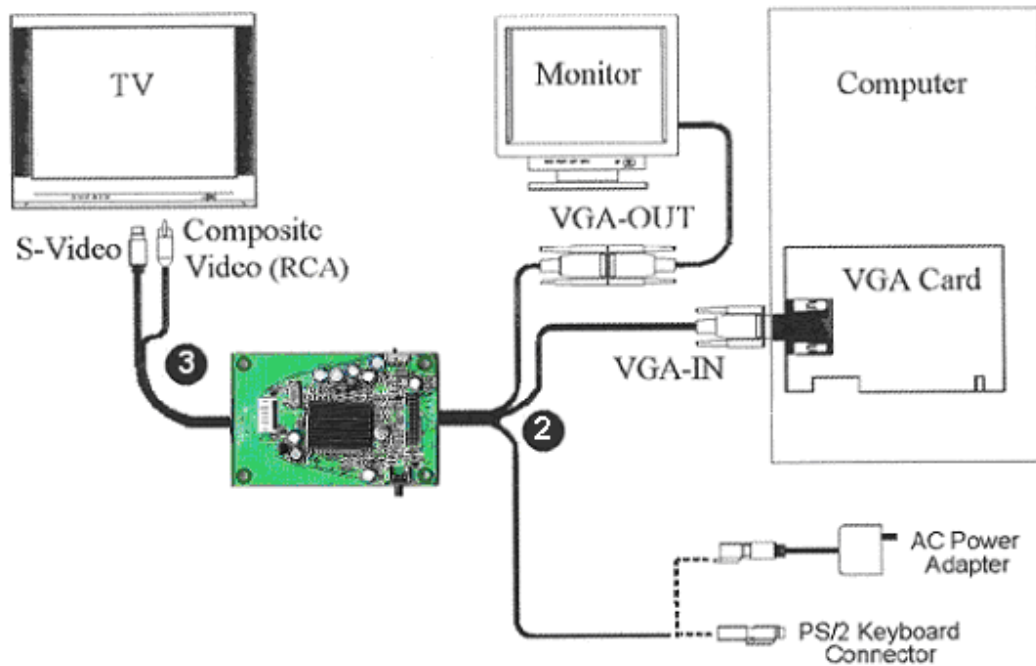
800x600 @ 75 Hz

1024x768 @ 60 Hz

Single power supply at 5V DC

Supported resolutions:

- 640x480 @ 60-85 Hz refresh rate
- 800x600 @ 60-75 Hz refresh rate
- 1024x768 @ 60 Hz refresh rate



2 Input

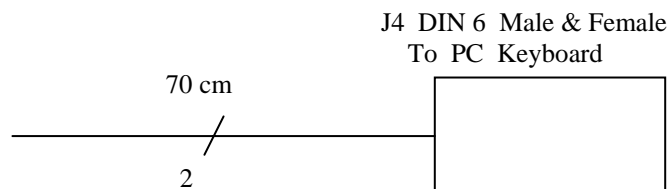
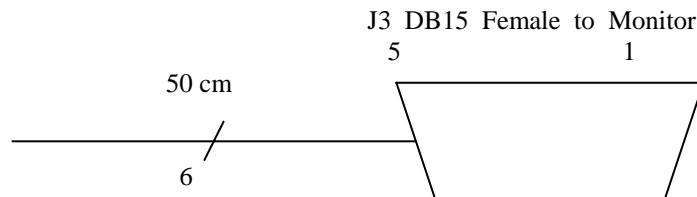
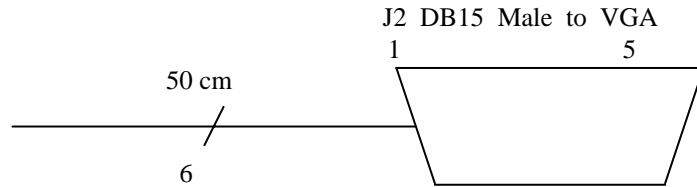
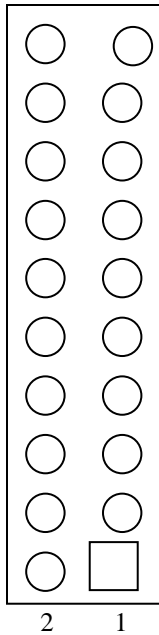
DB-15 VGA input cable, DB-15 VGA output cable, PS/2 keyboard power supply cable, +5V switch power supply

3 Output

RCA Composite video cable, S-Video cable

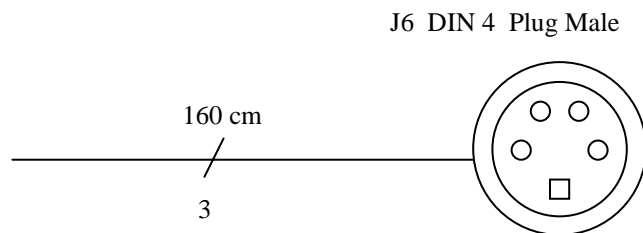
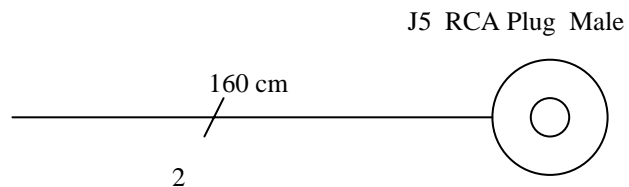
4 Lucky Star Cable V5.0

JP1
20 Pin female
Crimp Connector
(A3B 2 mm)
20 19

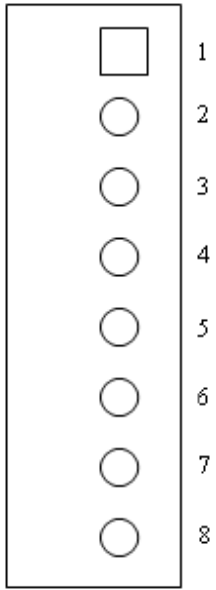


JP1 ---- J2 ~ J6

1 ---- VGA R
2 ---- Monitor R
3 ---- VGA G
4 ---- Monitor G
5 ---- VGA B
6 ---- Monitor B
7 ---- GND
8 ---- GND
9 ---- VGA VS
10 ---- Monitor VS
11 ---- VGA HS
12 ---- Monitor HS
13 ---- NC
14 ---- NC
15 ---- NC
16 ---- NC
17 ---- GND
18 ---- GND
19 ---- NC
20 ---- +5V from keyboard (DIN 6)



JP2



- 1 ---- NC
- 2 ---- GND
- 3 ---- NC
- 4 ---- S-Video Luma
- 5 ---- GND
- 6 ---- S-Video Chroma
- 7 ---- GND
- 8 ---- RCA