

ZXAM_NewInt

COLLABORATORS

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REVISION HISTORY

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Chapter 1

ZXAM_NewInt

1.1 ZXAM New Interface

ZXAM New Interface

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WARNING:

Use these files for your own risc!

HISTORY:

The original ZXAM cassette interface requires a minimum of 80% of volume on a cassette player supplied with 6VDC. So old and bad records have to pass by an amplification before. This can damage the port if the zener diode doesn't cut fast peak (more than 5V).

This new interface needs about 50% only and have more "isolation" between the audio output and the joystick port.

NEW CIRCUIT:

Was added a switch transistor with DC gain (hFE) between 200 and 250 to original circuit. Any transistor type can be used like BC547C, BC548C or BC549C. The 22K resistor have to be changed for others hFE values, otherwise may cause a bad performance (more hFE, less resistance).

If you don't have experience with soldering and mounting, show this circuit to any electronics technician. So, good luck!

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