

## Hantarex MTC 900/E repair guide

### CAPKIT:

#### Deflection Board (DE06)

C98	100 uf @ 25 volt	C97	47 uf @ 200 volt
C66	2.2 uf @ 63 volt	C40	4.7 uf @ 63 volt
C94	100 uf @ 25 volt	C23	100 uf @ 25 volt
C85	100 uf @ 25 volt	C32	2.2 uf @ 63 volt
C55	10 uf @ 50 volt	C54	4.7 uf @ 250 volt
C65	4.7 uf @ 63 volt		

#### Interface Board (IE06)

C36	22 uf @ 50 volt	C83	47 uf @ 25 volt
C25	47 uf @ 25 volt	C21	10 uf @ 50 volt
C22	10 uf @ 50 volt	C38	10 uf @ 50 volt
C18	4.7 uf @ 63 volt	C19	4.7 uf @ 63 volt
C20	4.7 uf @ 63 volt	C27	10 uf @ 50 volt
C29	10 uf @ 50 volt	C39	10 uf @ 50 volt
C4	220 uf @ 16 volt	C5	220 uf @ 16 volt

#### Neck Board (NE06)

C51	4.7 uf @ 250 volt	C50	10 uf @ 25 volt
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#### Plug-in "EW" Board (if present on your particular monitor)

C84	220 uf @ 16 volt	C87	10 uf @ 50 volt
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Note: there is a 10 uf @ 50 volt capacitor soldered to the foil side of the board. If you replace this capacitor connect it as follows: minus end to the end of capacitor C91 closest to the edge of the board. Plus end to the top end of resistor R125.

No vertical deflection problem: Check for an open or burned resistor R56 (6.8 ohm, 1 watt) on the deflection board. If the resistor is found to be bad then you must also replace the IC3 vertical output (TDA 2653A or NTE 1804).

Yoke Resistance:

Vertical (15 ohm) Pin 1 Brown and pin 2 Red

Horizontal (2.5 ohm) Pin 5 Orange and pin 6 Yellow

CRT (10 pins):

Samsung 5109B22 (use B&K rejuvenator socket adapter CR-23 to test)

Toshiba 510UEB22 (use B&K rejuvenator socket adapter CR-23 to test)

Flyback:

# 28010250 (2433011) H.R. Diemen # HR6020

Manufacturer's websites:

[www.hantarex.it](http://www.hantarex.it) and [www.hantarex.co.uk](http://www.hantarex.co.uk)

USA distributor for Hantarex monitors and replacement parts:

R.H. Belam Company, Inc.

60 Madison Ave.

Hempstead, N.Y. 11550

Phone: (516) 292-2670

Fax: (516) 292-2219

URL: [www.belamny.com](http://www.belamny.com)

Other USA parts sources:

[www.therealbobroberts.com](http://www.therealbobroberts.com) and

Zanen Electronics

46 Parklane Drive

Ransom Canyon, Texas 79366

Phone: (806) 829-2780

Fax: (806) 829-2781

Note: This monitor REQUIRES the use of an isolation transformer.

If you get frustrated trying to repair this chassis, you can use the Wei-ya model 1220H universal replacement chassis to replace the Hantarex. You will have to rewire the Hantarex yoke connector to match the Wei-ya's yoke connector.

Information updated as of July 5, 2004 and written by KEN LAYTON

Zanen Electronics capkit # 801 (\$7.95) or Happ Controls # 49-0908-00 (\$9.50)

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