

Eygo Models UCS-13CS-22SR and UCS-13CS-20SR CGA Monitors Merit Type 2 - Orion

Bad capacitors:

C112 22 mfd. @ 25 volts
C114 1 mfd. @ 50 volts
C119 2.2 mfd. @ 50 volts
C121 470 mfd. @ 25 volts
C327 100 mfd. @ 50 volts
C330 4.7 mfd. @ 160 volts
C412 33 mfd. @ 25 volts (only present in UCS-13CS-20SR)
C413 4.7 mfd. @ 160 volts (only present in UCS-13CS-20SR)
C605 220 mfd. @ 25 volts (next to D112)
C803 330 mfd. @ 25 volts

No power up? Check R103 and R104. Both are 75k, 1/2 watt and go open. Replace with 75k, 1 watt flameproof resistors. Mouser Electronics (www.mouser.com) sells these as their stock # 281-75K

This chassis is mounted upside down in the old Merit non-cd and non-hard drive Megatouch countertop video games.

Goldstar CRT # A34KPU02XX95 (used in UCS-13CS-22SR model)

CRT # A34JLL90X33 (used in UCS-13CS-20SR model)

Both CRT's use socket 31 on B&K model 467 Restorer

CRT # A48JLL40X18 (used in UCS-19CS-28SR model)

Manufacturers contact info:

Huai I Electronics Co. Ltd (Wei-Ya)
No. 18, Alley 38, Lane 129
Cheng S. 1st
Yungkang City, Tainan Hsien, Taiwan
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www.weiya.com.tw

This chassis is known in the USA as the Eygo and later the Promax chassis. Eygo was a USA distributors of Wei-Ya brand monitors. Eygo has gone out of business.

Eygo of America
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Richardson, Texas 75081
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Some information is available on Merit's tech support page: www.meritgames.com

Appears to be a Wei-Ya model 2814S chassis.

Compiled by Ken Layton December 31, 2004