Burle equipment available for Testing

27 September 2000

1 "New" Burle Matrix System

Model	Name
LTC 8801/60	Matrix card cage
TC8805	Matrix power supply
LTC 8553/00	Variable speed keyboard
TC8821VIM	32 channel video input card
TC8834VOM	4 channel video output card
TC8810A	CPU card
LTC 8059/00	PC based support software

2 "Old" Burle Matrix System

Model	Quantity	Name
TC 8501	1	Matrix card cage
TC 8505	1	Matrix power supply
TC 8550	1	Keyboard
TC 8520VIM	8	8 channel video input card
TC 8332VOM	4	4 channel video output card
???	1	"Microcomputer Adapter" CPU card
TC 8560	1	Code Distribution Unit

3 "KBD-300" equivalent hardware

Model	Quantity	Name
LTC 5136/50	1	Autodome Controller, Philips (PAL)
LTC 5138/50	1	Virtual Keyboard

1. 2 small black boxes ($2\frac{1}{4}'' \times 4\frac{1}{4}'' \times 1\frac{1}{4}''$) marked "`303-2746-501`" with screw terminals on one end and a power connector and RJ-11 connector on the other end.

   Internally the little boxes have in them:

   - An 8 MHz crystal.

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- An 8051??
- A bridge rectifier.
- Transformer output.
- RS-232 input.
- +5 V and +12 V voltage regulators.

2. 2 TC220PS power supplies, with 240 V AC in and 15 V DC out.
3. 2 RJ-11 cables "silver" wired with 6 conductors.
4. 1 DB-9-F to RJ-11 adapter. 2 = GN, 3 = RE and 5 = BK on the DB-9 going to pins 3 (GN), 4 (RE) and 5 (BK) (when viewed from the front) on the RJ-11. (All other pins are either empty or cut off.)

From looking at the two small boxes, I believe that they take in RS-232 and put out Manchester bi-phase coded commands. This implies that the Burle KBD-300 keyboard probably speaks RS-232 which should be easy to monitor with Breakout.