

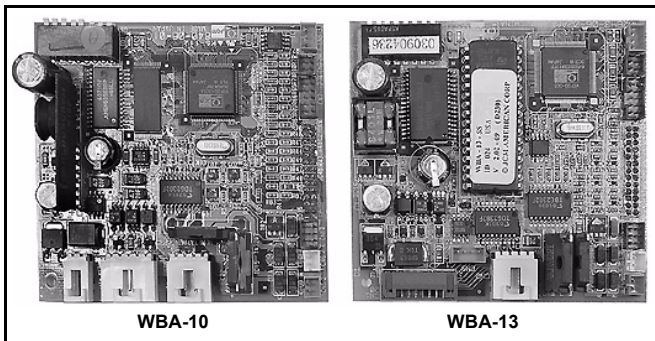


Technical Bulletin 00408

www.jcm-american.com

The JCM web site provides the tools you need, including the software information database with DIP switch information, our photo parts catalog, online ordering form, repair service, and more.

Parts are Parts



Part No.	WBA Model	Type
300-100059	WBA-10	1 Megabit Flash EPROM
300-100052	WBA-11	1 Megabit EPROM
300-100053	WBA-12	4 Megabit Flash EPROM
300-100051	WBA-13	4 Megabit EPROM

Description: WBA CPU Board

Usage: This is the main board within the WBA unit that contains the CPU and the upgradeable software.

Note: JCM Engineering originally developed the WBA-10/11 CPU board with a TTL or serial communication protocol having one Megabit of memory. As technology advanced, JCM Engineering developed the WBA-12/13 CPU board with TTL and two serial communication ports containing four Megabits of memory. This memory size expansion allowed the WBA to talk to the host device and an external system simultaneously while still having increased memory room to accommodate new bill types as they are released.

JCM Latest Software Listing

UNIT	ID	Version*	Check Sums
WBA-10-SS	ID-003	V-3.10-20	4D54
WBA-10-SS	ID-022/023	V-3.10-03	C1BF
WBA-10-SS	ID-024	V-3.04-20	5271
WBA-11-SS	ID-003	V-3.10-20	4D54
WBA-11-SS	ID-022/023	V-3.10-03	C1BF
WBA-11-SS	ID-024	V-3.04-20	5271
WBA-12-SS	ID-003	V-3.09-20i	73F1
WBA-12-SS	ID-0C3	V-3.09-09i	766C
WBA-12-SS	ID-022/023	V-3.10-03i	0093
WBA-12-SS	ID-044C	V-3.10-05i	320E
WBA-12-SS	ID-044	V-3.10-05i	F351
WBA-12-SS	ID-023B	V-3.00-04i	10C5
WBA-12-SS	ID-024	V-3.19-27	C7C2
WBA-13-SS	ID-003	V-3.09-20i	73F1
WBA-13-SS	ID-0C3	V-3.09-09i	766C
WBA-13-SS	ID-022/023	V-3.10-03i	0093
WBA-13-SS	ID-044C	V-3.10-05i	320E
WBA-13-SS	ID-044	V-3.10-05i	F351
WBA-13-SS	ID-023B	V-3.00-04i	10C5
WBA-13-SS	ID-024	V-3.19-27	C7C2
DBV-200-B0/B1	ID-022/023	V-2.40-04-03	49E5
DBV-200-A2/A3	ID-004/BAR	V-2.40-05	FFA3
DBV-200-A2/A3	ID-044P/045P	V-2.40-05	FCBE
DBV-200-A2/A3	ID-011/015	V-2.40-09	CA98
DBV-200-A2/A3	ID-044/045W	V-2.40-04	C1E7
DBV-200-A2/A3	ID-044WP/045WP	V-2.40-05	428B
DBV-200-B4/B5	ID-024	V-2.40-09	7733
DBV-200-B4/B5	ID-003	V-2.40-02	C62B

* an "i" suffix indicates Intelligent Cash Box option.

NOTE: The list of JCM bill validator software provided herein notifies customers of the latest versions developed. However, the listing does not identify versions approved by gaming jurisdictional authorities for actual use. Customers should consult JCM's Customer Service/Parts Sales departments concerning approved versions for jurisdictions of intended use.

Save Time and Labor with JCM's Intelligent Cash Box System

The ICB[®] (Intelligent Cash Box) system is a unique cash box/cash flow management system that allows the operator to track a cash box and its contents through the entire cash flow process. The ICB system eliminates the need for dedicating cash boxes to specific machines, or putting barcode identification on the cash boxes. The cash boxes are tracked electronically eliminating most variance issues.





FREE REGIONAL TRAINING

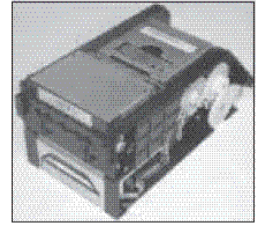
Give your techs the tools they need to keep your customers happy and your equipment running at peak efficiency. Call for further information.

Sept. Chester, New York
Sept. Ledyard, Connecticut
Oct. Kansas City, Missouri
Oct. Dover, Delaware

Question: What makes a WBA-10 different from a WBA-12?

Answer: Prior to the WBA series, the DBV-145 contained a 512k EPROM memory. With the introduction of the WBA-10/11 series, the memory size was increased to one Megabit to allow four-way bill acceptance. When the newer "large portrait" bills were introduced a few years later, the one megabit memory was once again restricted to two-way, face up only acceptance.

With the new WBA-12/13 models, the memory was increased to four Megabit, again allowing four-way bill acceptance with room to expand. Even now with the "NexGen" bills being introduced, The WBA-12/13 models will be ready to serve your validator needs well into the future.



To upgrade from the WBA-10/11 series, which may be required to add TITO capabilities to a casino floor, the only requirement is the installation of an upgrade kit. The kit consists of a new CPU board, the stacker and machine harness. By swapping out these three items, the unit is converted from a WBA-10/11 model to a WBA-12/13 model.

Kit Number		Kit Number	
701-000124	IGT Flash Upgrade	701-000129	Sigma EPROM Upgrade
701-000125	IGT EPROM Upgrade	701-000130	Aristocrat Flash Upgrade
701-000126	WMS Flash Upgrade	701-000131	Aristocrat EPROM Upgrade
701-000127	WMA EPROM Upgrade	701-000132	Standard Flash Upgrade
701-000128	Sigma Flash Upgrade	701-000133	Standard EPROM Upgrade

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JCM American Corporation
925 Pilot Road
Las Vegas, Nevada 89119
Telephone: (702) 651-0000
Toll Free: (800) 683-7248
FAX: (702) 651-0003

