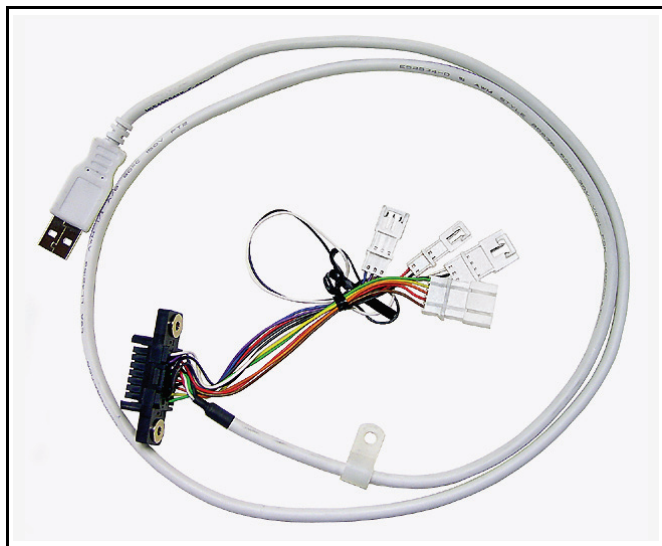


[www.jcm-american.com](http://www.jcm-american.com)

The JCM Website provides the tools required to service all of our products. This includes a software information database containing DIP Switch information, Customer Notifications, Product Manuals, Diagnostic Applications and much more.

### Parts are Parts



Special External UBA USB Harness

**Part No.** 400-100251R

**Description:** Harness, External, UBA, IGT, W/USB

**Usage:** This harness is for use with IGT Machines using the ID-028 software. This Protocol utilizes the USB Port for communications.

**Note:** This harness is currently being shipped as part of UBA 14 Units installed on various model cabinets. The attached USB Harness should only be connected if the ID-028 Protocol is being used with the game.

### Latest JCM Software Listing

UNIT	ID	Version*	CRC or Check Sum
UBA-10/11-SS	ID-003	V1.71-16	AD3C
UBA-10/11-SS	ID-003 Aristocrat Only	V1.76-17	5DF3
UBA-10/11-SS	ID-024	V1.77-17	719A
UBA-14-SS & UBA-24-SS/SU	ID-024	V1.76-24	CRC=421D
UBA-14-SS & UBA-24-SS/SU	ID-028	V1.76-13	CRC=650A
WBA-12/13-SS	ID-003	V-3.75-32i*	C9AB
WBA-12/13-SS	ID-0C3	V-3.75-09i*	64F4
WBA-12/13-SS	ID-022/023	V-3.63-03i*	1068
WBA-12/13-SS	ID-044C	V-3.75-05i*	FE10
WBA-12/13-SS	ID-044	V-3.75-05i*	D716
WBA-12/13-SS	ID-024	V-3.75-34	CD3B
DBV-200-B0/B1	ID-022/023	V-2.61-04-03	79E0
DBV-200-A2/A3	ID-044P/045P	V-2.70-05	AA03
DBV-200-A2/A3	ID-044WP/045WP	V-2.61-05	19F7
DBV-200-B4/B5	ID-024	V-2.70-11	6C31
DBV-200-B4/B5	ID-003	V-2.61-02	9E55

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

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 Parts Sales departments concerning approved versions for jurisdictions of intended use.

### Technical Notes

The Table below lists the required Protocols for various JCM Validators and related Game Machines:

Protocol	Units	Machines
003	WBA/UBA	All
003B	WBA/UBA	Bally Systems & Harrah's Corporate
022/023	WBA/DBV	IGT only
024	WBA/UBA/DBV	IGT only
028	WBA/UBA	IGT only
044	WBA/DBV	Bally (pre-Y2K), Williams, and Others
044C	WBA	Aristocrat only
044P/045P	DBV	Bally
044WP/045WP	DBV	Williams
0C3	WBA	Aristocrat

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

The ICB<sup>®</sup> (Intelligent Cash Box) system is a unique cash management system that allows the operator to track a cash box and its contents through the entire cash process. The ICB system eliminates the need for dedicating cash boxes to specific machines, or putting barcode identification labels on the cash boxes. The cash boxes are tracked electronically eliminating most variance issues, and with the custom reports provided to each department, accuracy and efficiency is greatly improved.





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Technical Bulletin 200901 January 2009

## Technical Tips

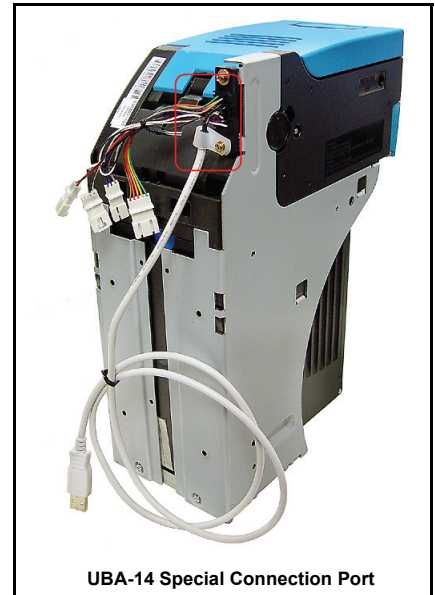
**Question:** What is the purpose of the additional USB Cable located on the back of my UBA?

**Answer:** The UBA 14/24 has the capability of using both Serial and USB communications protocols.

Testing has shown that if the USB harness is connected in Machines using the ID-024 Protocol, there can be communication issues that cause the Validator to stop accepting without providing an error message.

When the USB Cable is connected in a game emulating an 80960 Microprocessor, the CPU is still communicating to all other USB devices it sees. Because the Validator is not using the USB for local communications, error messages can cause the Validator to generate a fault condition and stop accepting bills.

To prevent this situation from occurring, simply disconnect the USB Harness, and tie it off when not using the ID-024 Protocol Software.



UBA-14 Special Connection Port

JCM TECHNICAL SUPPORT CONTACTS		
<b>General Product Support:</b>		
Toll Free Product Support	(800) 683-7248	techsupport@jcm-american.com
Training	(800) 683-7248	training@jcm-american.com
<b>After Hours Support</b>		
JCM prides itself in offering the best customer service in the industry. We prove this by offering a 24 hour hotline, where technical support personnel can be reached at any time, 7 days a week. To reach our 24/7 after hour's hotline, just follow these three easy steps:		
1. Call JCM American at (800) 683-7248, then		
2. Select option 5 and wait for the call to be transferred to the JCM after hour's Technical Support line.		
3. Speak with a certified JCM support technician about your situation.		
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Parts	(800) 683-7248	sales@jcm-american.com
TOVIS TECHNICAL SUPPORT CONTACTS		
<b>Tovis Support Center</b>		
Product Support - Tovis Service Center	(702) 263-5560 (Mon - Fri, 9am - 5pm)	roy@tovism.com
Parts & Service	(702) 263-5560	roy@tovism.com
TRANSACT TECHNICAL SUPPORT CONTACTS		
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Parts	(877) 748-4222 Option-2	techsupport@transact-tech.com
Service	(877) 748-4222 Option-2	<a href="http://www.transact-tech.com/tsg/rma.html">http://www.transact-tech.com/tsg/rma.html</a>

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