

[www.jcmglobal.com](http://www.jcmglobal.com)

For updates on JCM Global® products, services, and events, follow JCM Global on Facebook®, LinkedIn®, Twitter™ and YouTube™



[facebook.com/JCMglobal](https://facebook.com/JCMglobal)

[twitter.com/jcmglobal](https://twitter.com/jcmglobal)

[linkedin.com/company/jcm-global](https://linkedin.com/company/jcm-global)

[youtube.com/jcmglobal](https://youtube.com/jcmglobal)

## Parts are Parts

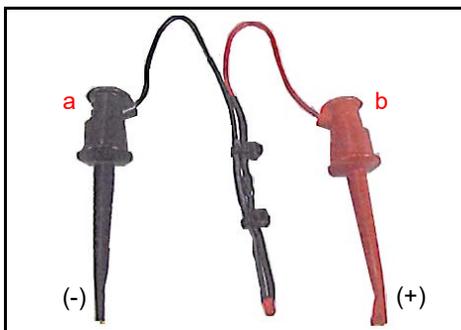


Figure 1 ICB Refresh Harness (P/N 400-000102R)

**Part No.** 400-000102R

**Description:** Refresh Harness

**Usage:** The JCM ICB® Refresh Harness (Figure 1) is used to refresh ICB Module Batteries that have been in storage for 6 months or longer, to achieve the proper voltage output of 3.45 VDC. Additionally, the Refresh Harness can be used for load testing of the ICB Module Battery (described on Page 2).

To refresh the ICB Module Battery:

1. Connect the Refresh Harness' Black clip (Figure 1 a) to the Negative (-) terminal of the Battery.
2. Connect the Refresh Harness' Red clip (Figure 1 b) to the Positive (+) terminal of the Battery.
3. Leave the Refresh Harness attached for **10 minutes**.
4. Measure the Battery's voltage; the reading should be approximately 3.45 VDC if the battery has been refreshed.

**Note:** To use the Refresh Harness for load testing of the ICB Module Battery, follow the procedure shown on Page 2,

## Latest JCM Software Listing

UNIT	Country	ID	Version	Check Sum	CRC
UBA-10/11-SS	USA	ID-003	V-2.83-52	3CDD	D358
UBA-10/11-SS	USA	ID-024	V-2.83-25	F54F	6DCE
UBA-14/24-SS/SU	USA	ID-003	V-2.83-40	B026	1455
UBA-14/24-SS/SU	USA	ID-0G8	V-2.83-80	91A8	89B6
UBA-14/24-SS/SU	USA	ID-024	V-2.83-37	647C	05B2
UBA-14/24-SS/SU	USA	ID-028	V-2.83-25	34A9	87B4
iVIZION-100 SS/SU	USA	ID-003	V-2.84-44	94D4	0789
iVIZION-100 SS/SU	USA	ID-008	V-2.83-22	7DEB	39B4
iVIZION-100 SS/SU	USA	ID-024	V-2.84-15	C0FC	652D
iVIZION-100 SS/SU	USA	ID-028	V-2.86-31	5EB6	C1BA
iVIZION-100 SS/SU	USA	ID-0G8	V-2.84-39	E589	DA07
UBA-10/11-SS	CAN	ID-003	V-2.82-52	B445	D6DD
UBA-10/11-SS	CAN	ID-024	V-2.82-25	8FC3	D9AD
UBA-14/24-SS/SU	CAN	ID-003	V-2.82-40	CEF6	5E8C
UBA-14/24-SS/SU	CAN	ID-024	V-2.82-37	C66F	E2BE
UBA-14/24-SS/SU	CAN	ID-028	V-2.82-25	FD47	E01A
UBA-14/24-SS/SU	CAN	ID-0G8	V-2.82-74	F0D0	9716
iVIZION-100 SS/SU	CAN	ID-003	V-2.84-44	29AD	68F1
iVIZION-100 SS/SU	CAN	ID-024	V-2.84-15	F99C	D926
iVIZION-100 SS/SU	CAN	ID-028	V-2.84-31	6214	F0A6
iVIZION-100 SS/SU	CAN	ID-0G8	V-2.84-41	B4C9	81DE

The Latest JCM Software Listing (shown above) identifies specific software versions that have been released to OEMs. **It is the responsibility of the OEM to obtain all required approvals from Gaming Regulators and Jurisdictional Authorities necessary for use of approved software versions.** Contact the Game Manufacturer (OEM) for information on specific software releases approved for use within your gaming jurisdiction.

JCM recommends using the latest version for maximum acceptance, security, and performance.

## JCM eLearning Offerings

**JCM offers the following Training Options to help keep your JCM Products performing within factory specifications:**

### Online Training

For those who prefer self-study, Online Training is available 24/7. Training can be completed as your schedule permits. A Certificate of Completion is provided upon course completion.

### Virtual Training

Instructor-led events for all JCM products are also available. Full interaction between attendees and the Instructor meets the needs of your team. Contact JCM Training at [training.jcmglobal.com](http://training.jcmglobal.com) for more information.

## Create Immersive Environments with JCM Global® Digital Signage Solutions

JCM Global Digital Signage Solutions allow operators to communicate with their guests in more meaningful and entertaining ways. With unsurpassed color uniformity and dazzling pixel-to-pixel resolution, JCM's digital signage technology offers guests a unique experience in sports books, hotel lobbies, casino floors, and more. The Digital Signage Solutions product line includes flat, curved, cube, and transparent displays that showcase engaging and impactful video content. From large scale LED video walls to intricate architectural signage, JCM delivers breathtaking installations that are only limited by the imagination.



## Technical Tip

**Question:** How can an ICB Module Battery be tested?

**Answer:** If a Battery Low indication occurs when the ICB Cash Box is docked on the Docking Station, or if Read Errors occur, the ICB Module Battery should be tested with the ICB Refresh Harness.

To perform a No Load Test:

1. Set the ICB Cash Box DIP Switch to OFF to power off the ICB Module (**Figure 2 a**).
2. Remove the ICB Module cover.
3. Check for good battery connections (no broken leads).
4. Connect a Voltmeter's leads to the ICB Module. A Voltmeter reading of 3.6 to 3.68 VDC indicates a good Battery.

To perform a Load Test:

1. Connect the Refresh Harness to the Battery (**Figure 2 b**).
  - a). Connect the Black clip to the Negative (-) terminal of the Battery (**Figure 2 b<sup>1</sup>**).
  - b). Connect the Red clip to the Positive (+) terminal of the Battery (**Figure 2 b<sup>2</sup>**).
2. Verify a Voltage reading of approx. 3.45 VDC. If the reading is 3.15 VDC or less, the Battery needs to be refreshed or the ICB Module needs to be replaced.
3. Ensure the Optical Sensor lenses are clean before returning the Cash Box to service.

For additional information on JCM Products, visit the JCM Global website at [www.jcmglobal.com](http://www.jcmglobal.com), or contact your local JCM Sales Representative at (800) 683-7248.

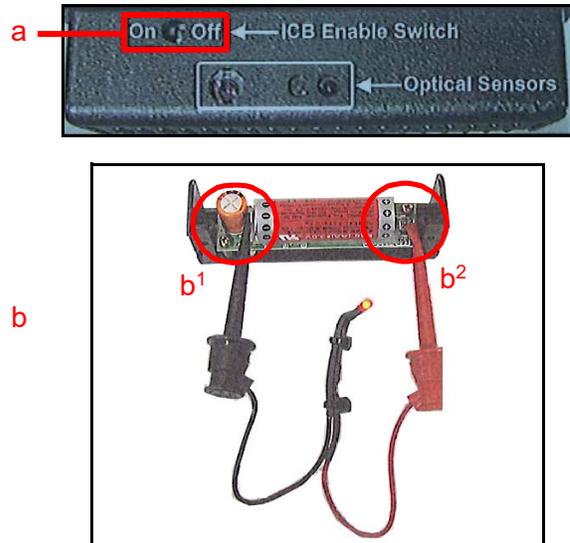


Figure 2 ICB Cash Box DIP Switch (a) / Test Battery w/ Refresh Harness (b)

## Current Service Manual Releases

Product	Rev.	Product	Rev.
DBV-500 Operations Manual	2	TBV	4
DBV-400 Operations Manual	1	TBV-101-ASH	A
DT-200 BlueWave 2	7	UBA-10/11/14/24/25	3b
EBA-40	2	UBA-RC	4
ICB 3.0 Web Reports Ops Manual	3	UBA Pro RT/RQ	A
iPRO	2	VEGA	5
iPRO-RC	4	VEGA-RC	3
iVIZION	7	FL Operator & Technician's Manual	3
JCM Tool Suite	4	GEN5 Operations Manual	2
PromoNet Marketing Studio	5	BlueWaveDX Tool (DT-300)	1
PromoNet Online Monitor	A		

To access JCM Product Manuals, visit: <https://exchange.jcmglobal.com>

JCM TECHNICAL SUPPORT CONTACTS		
<b>Headquarters (Japan)</b>		
Sales and Service	+81-3-5962-3731	hq-jp@jcmglobal.com
<b>Europe, Middle East, Africa, Russia</b>		
Sales	+49-211-530645-50	support@jcmglobal.eu
Service	+49-211-530645-60	
<b>Australia, Oceania</b>		
Sales and Service	+612 96 48 0811	australia@jcmglobal.com
<b>Southeast Asia</b>		
Sales and Service	+853 28 72 2684	asiastupport@jcmglobal.com
<b>North/South America/Canada/Caribbean</b>		
Toll Free Product Support	(800) 683-7248 or (702) 651-0000	support@jcmglobal.com
<b>After Hours Americas Support</b>		
JCM American prides itself in offering the best Customer Service in the industry. We offer a 24 hour After Hours Hotline, where Technical Support Personnel can be reached at any time, 7 days a week. To reach our 24/7 After Hours Hotline: 1.) Call JCM American at (800) 683-7248. 2.) Select "Option 1" and wait for the call to be transferred to the JCM after hours Technical Support line. 3.) Speak with a certified JCM Support Technician about your situation.		