RattleByte Multi Region Upgrade Board

Yamaha
BD-S473
BD-S673

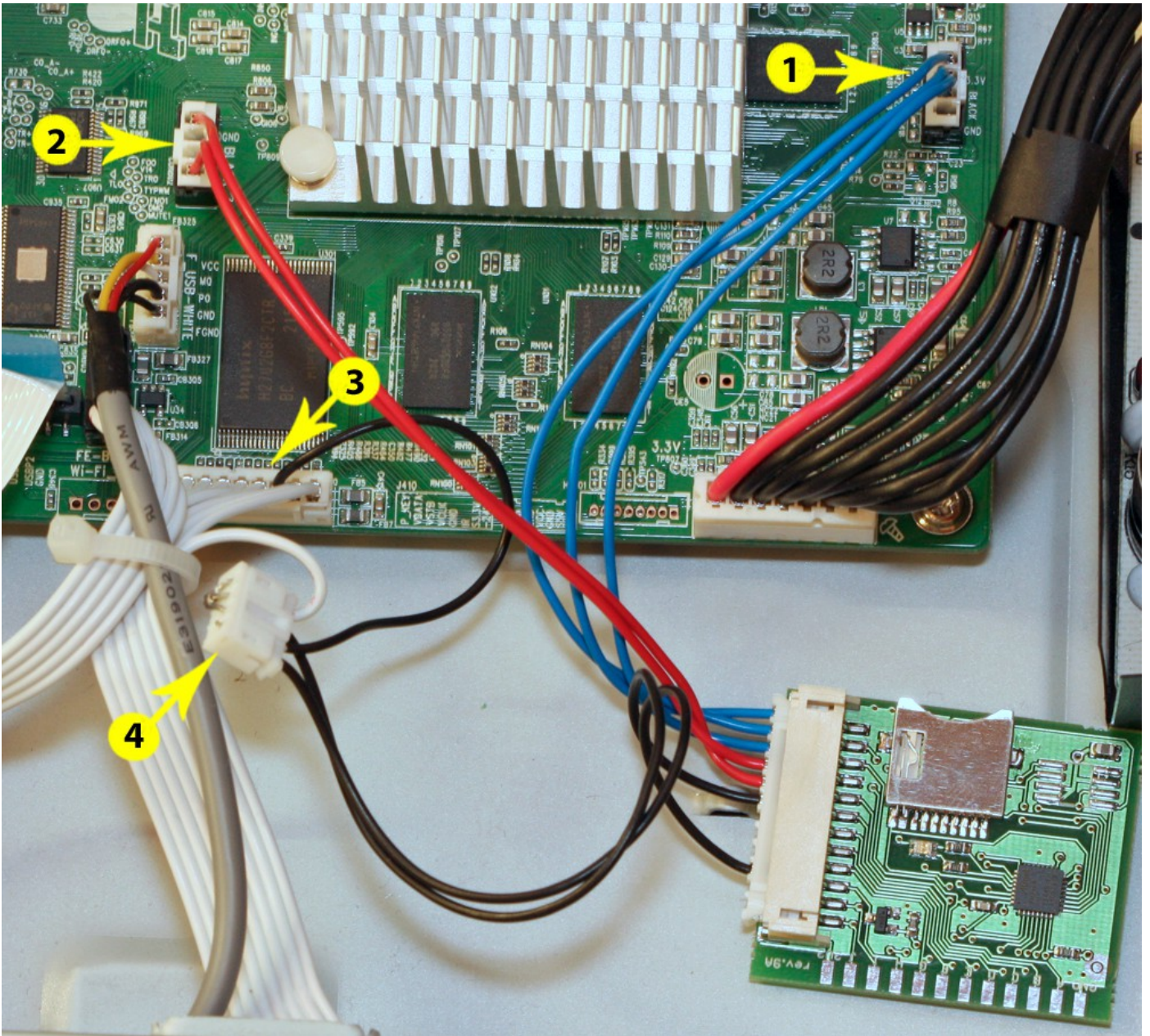### Solderless Fitting Instructions (for rev.9A boards)

Preparation

In order to fit this upgrade board, you will require the following:

- ✔ Philips screwdriver
- ✔ Needle or similar sharp-pointed tool
- ✔ Double-sided tape (included)
- ✔ Cable harness (included). Wire colours may vary!
- ✔ USB stick
- ✔ Firmware files (provided)

> **Warning: Fitting this modification to your Blu-Ray disc player will invalidate the manufacturer's warranty!**

Installing the Upgrade Board

- Disconnect the unit from the mains and remove the top cover
- Disconnect connector **3** and extract the third wire from the right from the housing by lifting the plastic retainer tongue with a needle as shown in the picture
- Attach the cable harness to the upgrade board. Connect the cable with three wires to connector **1** and the cable with two wires to connector **2**
- Remove the plastic cap from housing **4** and put it aside
- Insert the wire you pulled from housing **3** into the empty slot in housing **4** and insert the unconnected wire from housing 4 into housing **3** in place of the original wire. (If housing **4** has more wires than shown then the other wires should not be used)
- Reconnect connector **3** and refit the cap over housing **4**.
- Attach the upgrade board to the chassis of the unit using the double-sided tape. Make sure there is no electrical contact between the chassis and the upgrade board. It is recommended to secure housing **4** to the other cables with a cable tie (not included)
- Update the firmware and replace the top cover

Updating the Firmware

In order to complete the multiregion modification, the firmware of your unit must first be updated. To update the firmware, proceed as follows:

1. Unpack the provided archive file to an empty FAT32 formatted USB stick. Do not change file names or location!
2. Turn on the unit and insert the USB stick into the front USB slot.
3. Initiate the firmware update from the player's menu: Setup->General Setting->System ->Upgrade->USB Storage.

Installing Future Firmware Updates

Once available, firmware updates can be installed as usual using the player's built-in firmware upgrade facility. Make sure the player is connected to the Internet, then navigate to Setup ->General Setting->System->Upgrade->Network and start the update process.