

Technical Information

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Update-options & Errorcodes

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Please note the software versions:

The new update system with this error codes is used in:

- Max Fire and MAX Fire Video since version V1.30
- Virtual Pinball since version V3.00

This update system is going to get included in the other products in the next versions!

The update error code has two parts:

STEPCODE

The first 2 numbers. Showing in which step the error occurs.

MESSAGECODE

The other 2 numbers. Describes the error detailed.

The message-codes from 0 to 9 are for generally errors and stand for the same in each Step.

The denotation of the higher numbers is different from step to step.

The get the detailed information's of an error:

Declare the step code.

Search the Step code in the list of "**STEPCODES AND NAMES OF THE STEPS**"

Declare the message-code.

When the message-code is lower than 10, there is an general error.

Details in the list "**GENERAL MESSAGE-CODES**"

STEPCODES AND NAMES OF THE STEPS

Step code	Modus	Step name	Step
00		Start	Run
01	Update	Backups	Begin
02	Update	Partitioning	Begin
03	Update	Backups	Create
04	Update	Partitioning	Check
05	Update	Music Backup	Run
06	Update	Partitioning	Create
07	Update	Package Copy	Run
08	Update	Backups	Restore
09	Update	Music Restore	Run
10	Update	GUID	Run
11	Update	Backups	Finish





12	Clone	Partitioning	Begin
13	Clone	Partitioning	Check
14	Clone	Partitioning	Create
15	Clone	Package Copy	Run
16	Clone	Copy Update Directory	Run
17	Update	Prepare Dos Boot	Run
18	Clone	Prepare Dos Boot	Run

GENERAL MESSAGECODES

Message-Code	Name	Help
01	undefined	Technical info shows the error
02	file not found	A file could not be found. Technical info shows the file name or the synonymic
03	read error	A file could not be read. Technical info shows the file name or the synonymic
04	write error	A file could not be written. Technical info shows the file name or the synonymic.
05	invalid config	The file of the config is not guilty. The file is damaged or the hard disk is damaged. Technical info shows section and key.
06	invalid signature	The signature of a file is faulty. File damaged or manipulated. Technical info shows the file name.

STEPS AND THE MESSAGE-CODES

Backups

Message code	Name	Help
10	STEP_ERROR_BACKUPS_CREATE	Error creating the backup, crashed hard drive
11	STEP_ERROR_BACKUPS_COPY	Error copying the backup, crashed hard drive
12	STEP_ERROR_BACKUPS_CHECK	Error checking the backup, crashed hard drive
13	STEP_ERROR_BACKUPS_NOTARGET	Internal hard drive not available, disk crashed





Bios Update

Copy Update Directory

Message code	Name	Help
10	STEP_ERROR_COPYUPDATE DIR_CREATE	Error creating the directories
11	STEP_ERROR_COPYUPDATE DIR_COPY	Error during copy of the directories
12	STEP_ERROR_COPYUPDATE DIR_CHECK	Error while checking the directories

GUID (only Golden Island)

Message code	Name	Help
10	STEP_ERROR_GUID_CREATE	Error creating the GUID

Music Backup

Message code	Name	Help
10	STEP_ERROR_MUSIC BACKUP_PARTITIONI NG	Error creating the music backup partition, crashed update-disk
11	STEP_ERROR_MUSIC BACKUP_COPY	Error while copying the music backup partition, crashed update-disk or internal disk

Music Restore

Message code	Name	Help
10	STEP_ERROR_MUSIC RESTORE_WRONGLA YOUT	The internal hard drive could not be identified, crashed hard drive
11	STEP_ERROR_MUSIC RESTORE_COPY	The music backup could not be restored, crashed internal hard disk

Package Copy

Message code	Name	Help
10	STEP_ERROR_PACKAGE COPY_CREATE	Error creating the package for copying
11	STEP_ERROR_PACKAGE COPY_COPY	Error copying the package
12	STEP_ERROR_PACKAGE COPY_SOURCECHECK	Error checking the source files on update disk, damaged update disk
13	STEP_ERROR_PACKAGE COPY_TARGETCHECK	Copied files on internal hard disk damaged
14	STEP_ERROR_PACKAGE COPY_NOTARGET	Internal hard disk not present
15	STEP_ERROR_PACKAGE COPY_WRONG_CONFIG	Package and dongle are different





Partitioning

Message code	Name	Help
10	STEP_ERROR_PARTITIONING_GENERAL	General error while creating the partitions
11	STEP_ERROR_PARTITIONING_NOT_PRESENT	The internal disk is not present for creating the partitions
12	STEP_ERROR_PARTITIONING_TO_SMALL	The internal disk is too small for the partitions
13	STEP_ERROR_PARTITIONING_CREATE	Partitions could not be created, internal disk damaged
14	STEP_ERROR_PARTITIONING_FORMAT	Wrong size of a partition of internal hard disk

Prepare Dos Boot

Start

Message code	Name	Help
10	STEP_ERROR_START_NO_DONGLE	No dongle connected
11	STEP_ERROR_START_DONGLE_READ	Dongle not readable
12	STEP_ERROR_START_NO_PRODUCT_MATCH	Product doesn't match to hardware or dongle
13	STEP_ERROR_START_BUILD_CONFIG	Config could not be created





Options for update

XP Update

The options of the update getting showed, when the switch of the Testmode is ON. In this options menu you can select them with the touch-screen or with 2 buttons. This buttons are:

- **Silverball (each Version):**
SELECT: PLAYER 1 A
SET: PLAYER 2 A
- **Golden Island (each version):**
SELECT: BUTTON6
SET: BUTTON1
- **MaxFire and MaxFire Video (each version):**
No buttons, use touch-screen
- **Virtual Pinball (since Version 3.00):**
SELECT: Left pinball button
SET: Right pinball button

Silverball Pro and Classic (up to Version 9.33)

- **NO BACKUP:** PLAYER 1A + PLAYER 2A
- **FORCE PARTITIONING:** PLAYER 1A + PLAYER 1B + PLAYER 1C





Startup-options

Silverball Cosmo and Strato, Golden Island, MaxFire and MaxFire Video (XP)
Starting the machine with test mode ON, the software shows a menu where you can set the options with touch-screen or the two buttons (see Options for update).

Silverball Classic, Beetle, Pro und Beetle Pro (each version, showing a dialog in the DOS boot menu)

- **TOUCH CALIBRATION:** TEST + PLAYER 2A
- **SELFTEST MODE:** TEST + PLAYER 2C
- **FILECHECK:** PLAYER 2A + PLAYER 2B + PLAYER 2C

Virtual Pinball (up to version V3.00)

- **FILECHECK:** TEST + L1 + L2

MaxFire and MaxFire Video (each version)

Options dialog when the machine starts with Testmode ON. Choose the options with the touch-screen.

