

Re: USB HID: Missing keys on Gyration Media Center Universal Remote Control

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-06/msg06453.html>

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Jiri & all,

What's the status on this bug?

I used this patch for 2.6.24:

```
diff --git a/drivers/hid/hid-input.c b/drivers/hid/hid-input.c
index 0b27da7..fc6e77e 100644
--- a/drivers/hid/hid-input.c
+++ b/drivers/hid/hid-input.c
@@ -802,6 +802,7 @@ static void hidinput_configure_usage(struct hid_input *hidinput, struct hid_fiel
case HID_UP_LOGIVENDOR:
set_bit(EV_REP, input->evbit);
switch(usage->hid & HID_USAGE) {
+ case 0x000: map_key_clear(KEY_TV);
/* Reported on Logitech Ultra X Media Remote */
case 0x004: map_key_clear(KEY_AGAIN); break;
case 0x00d: map_key_clear(KEY_HOME); break;
@@ -1039,6 +1040,28 @@ void hidinput_hid_event(struct hid_device *hid, struct hid_field *field, struct
return;
}

+ /* "Sleep" key */
+ if (hid->vendor == 0x0c16 && hid->product == 0x0002 &&
+ ((usage->hid & HID_USAGE_PAGE) == HID_UP_GENDESK) &&
+ ((usage->hid & 0xf0) == 0x80) &&
+ ((usage->hid & 0xf) == 0x2)) {
+ input_event(input, usage->type, usage->code, 1);
+ input_sync(input);
+ input_event(input, usage->type, usage->code, 0);
+ input_sync(input);
+ return;
+ }
+ /* "TV" key */
+ if (hid->vendor == 0x0c16 && hid->product == 0x0002 &&
+ ((usage->hid & HID_USAGE_PAGE) == HID_UP_LOGIVENDOR) &&
+ ((usage->hid & HID_USAGE) == 0x0000)) {
+ input_event(input, usage->type, usage->code, 1);
```

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```
+ input_sync(input);
+ input_event(input, usage->type, usage->code, 0);
+ input_sync(input);
+ return;
+ }
+
+ /* Handling MS keyboards special buttons */
+ if (IS_MS_KB(hid) && usage->hid == (HID_UP_MS_VENDOR | 0xff05)) {
+ int key = 0;
```

It was working fine.

With 2.6.25.6, I've been trying to use the following patch. It's a slight modification of a patch posted previously by Jiri.

```
diff -ru vanilla.org/drivers/hid/hid-input-quirks.c vanilla/drivers/hid/hid-input-quirks.c
--- vanilla.org/drivers/hid/hid-input-quirks.c 2008-04-16 19:49:44.000000000 -0700
+++ vanilla/drivers/hid/hid-input-quirks.c 2008-06-09 14:47:01.000000000 -0700
@@ -418,6 +418,27 @@
input_event(input, usage->type, REL_WHEEL, -value);
return 1;
}
+ /* "Sleep" key */
+ if (hid->vendor == 0x0c16 && hid->product == 0x0002 &&
+ (usage->hid & HID_USAGE_PAGE) == HID_UP_GENDESK &&
+ (u
```