

The purpose of this document is to provide a guide on the date/time formats when Ethiopic calendar is used on webOS TV. The formats are widely agreed with all relevant teams including UX, sales, and are also approved by Ethiopia local office.

Jan 16, 2015

Revision history:

Revision	Content	Revised by
Rev. 1.0 Dec 31, 2014	For discussion/review across teams including local office. Not for a release.	Yuri Kim
Rev. 1.1 Jan 13, 2015	1) Modified the GMT time offset from GMT - 8:00 to GMT+3:00 2) Modified the short date format from 13/02/07 to 13/02/2007 for the given example, Store and Account (purchase date).	Yuri Kim
Rev. 1.2 Jan 16, 2015	Added "Time System" according to the feedback from Tesfaye Fentaw (tesfaye.fentaw@lge.com).	Yuri Kim
Rev. 1.3 Mar 11, 2015	Feedback from the Ethiopia Embassy in Korea: 1) Date changes at morning at 12:00 Ethiopian time 2) Use 5 types of meridiem (morning, noon, afternoon, evening, night) 3) Put the time meridiem before the time (e.g. ጠዋን 12:00) 4) Add the postfix 'ዓ.ም' after year (for full date format only)	Yuri Kim

1. Date & Time format

Example representation format (en-US)		To-be representation format (Ethiopic calendar)	App list
Time	11:31 PM	<u>PM</u> 11:31	<ul style="list-style-type: none"> – Home – Today – TV Guide (current time, tv program schedule) – Scheduler (scheduled recording) – Settings (time&date, timer power on)
	Current Time: 11:31 PM	<u>Current Time</u> : <u>PM</u> 11:31	<ul style="list-style-type: none"> – Live menu
	00:05:42	00:05:42	<ul style="list-style-type: none"> – Smartshare – Camera – Quick settings (sleep timer)
	GMT —8:00	GMT+3:00	<ul style="list-style-type: none"> – Settings (custom time zone)
	10:00PM — 10:35PM	<u>PM</u> 10:00 – <u>PM</u> 10:35	<ul style="list-style-type: none"> – Live Playback (program schedule)
Date	Oct 23, 2014	ጥቅምት 13 ቀን 2007 ዓ.ም	<ul style="list-style-type: none"> – Scheduler (scheduled recording) – Settings (time&date)
	2014.10.23	ጥቅምት 13 ቀን 2007 ዓ.ም	<ul style="list-style-type: none"> – LG Store
	2014/10/23 YYYY/MM/DD	13/02/2007 (DD/MM/YYYY)	<ul style="list-style-type: none"> – Account (birthdate)
	14/10/23	13/02/2007	<ul style="list-style-type: none"> – LG Store

	YY/MM/DD	(DD/MM/YYYY)	– Account (purchase date)
	16 (SUN)	16 (እሁድ) d (EEEE)	– TV Guide (search option)
	TODAY WED THU	<u>Today</u> ረቡዕ ሐሙስ	– Voice (weather 3 day forecast)
	2014.10.23 — 2014.10.25	13/02/2007 – 15/02/2007 (dd/mm/yyyy – dd/mm/yyyy)	– LG Store
Date & Time	02:00pm Oct 23	<u>PM</u> 2:00 ጥቅምት 13 (MMMM d)	– Ch. banner
	2014.10.23 14:00	13/02/2007 <u>PM</u> 2:00	– Smartshare – Skype
	Thu, Oct 23 2014, 14:00	ሰኞ ፣ ጥቅም 13 ቀን 2007 ዓ.ም, <u>PM</u> 2:00	– Scheduler (program start time)
	2:00 PM, Every day	<u>PM</u> 2:00, <u>Everyday</u>	– Settings (timers)
	2014.10.23 02:00 — 04:00 PM	13/02/2007 <u>PM</u> 2:00 – <u>PM</u> 4:00	– Smartshare
	SUN 10/23 10:00PM — 10:35PM	እሁድ ፣ 13/02 <u>PM</u> 10:00 – <u>PM</u> 10:35 (EEEE ፣ d/M 10:00 <u>PM</u> – 10:35 <u>PM</u>)	– TV Guide (program description)

	Today, 14:00 — 16:25	Today, <u>PM</u> 2:00 – <u>PM</u> 4:00 (Today, h:m – h:m)	– Voice (search tv program)
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2. Time System

Ethiopians use a 12-hour clock with its own way of counting time.

- Ethiopian day is divided into two 12 hours.
First 12 hour is for the day time that starts at “ጠዋት” 12:00 Ethiopian time. Second 12 hour for dark time starts at “ከምሽቱ” 12:00 Ethiopian Time.
- Ethiopian new day starts in Morning at 12:00 Ethiopian time (6:00 am Gregorian calendar).
With the sunshine new day comes/ day changes. Eg. “ከሌሊቱ” 11.59...Monday.....“ጠዋት” 12:00.....Tuesday.
- To avoid confusion, we use prefixes “ጠዋት”፣“ቀትር”፣ “ከሰዓት”፣ “ከምሽቱ”፣ “ከሌሊቱ” before time.
 - ጠዋት (Morning)12:00 – 5:59.....Ethiopian morning....(New day comes at“ጠዋት” 12:00)
 - ቀትር (Noon)6:00..... Ethiopian Noon
 - ከሰዓት (Afternoon)..... 6:01 – 11:59.....Ethiopian Afternoon
 - ከምሽቱ (Evening).....12:00 – 5:59.....Ethiopian Evening
 - ከሌሊቱ (Night)6:00 – 11:59.....Ethiopian Night

12-hour clock in Ethiopian	Equivalent 24-hour clock	Prefix
12 am (sunrise /morning)	6:00 (am)	ጠዋት
1 am	7:00	
2 am	8:00	
3 am	9:00	
4 am	10:00	
5 am	11:00	
6 am (noon)	12:00 (noon)	ቀትር
7 pm (afternoon)	13:00	ከሰዓት
8 pm	14:00	
9 pm	15:00	
10 pm	16:00	

11 pm	17:00	
12 pm (sunset/evening)	18:00	ከምሽት
1 pm	19:00	
2 pm	20:00	
3 pm	21:00	
4 pm	22:00	
5 pm	23:00	
6 pm (night)	24:00 (midnight)	ከሌሊት
7 am	1:00 (am)	
8 am	2:00	
9 am	3:00	
10 am	4:00	
11 am	5:00	
12 am (sunrise /morning)	6:00	

*Note

- 1) The underlined part shall be in Ethiopian language.
- 2) The [Ethiopic calendar system](#) has 13 months; 12 months with exactly 30 days and an extra 13th month with 5 or 6 days depending on leap year. Leap years with 6-days leap month occur every 4 years without exception.
- 3) The first day of the Ethiopian year is usually September 11 in the Gregorian calendar. However, it falls on September 12 in years before the Gregorian leap year. The Ethiopic year is 7-8 years behind Gregorian. For example, 31/8/2014 in Gregorian is 25/12/2006 in Ethiopic but 11/09/2014 is 01/01/2007 because the Ethiopian New Year falls on September.

*Note

The formats for dates and times in Amharic with the Ethiopic calendar and all format components are as follows:

dates:

```
"full": "EEEE፣ MMMM d ቀን yyyy ዓ.ም",
"long": "EEE፣ d MMMM yyyy",
"medium": "EE፣ d MMM yyyy",
"short": "E፣ dd/MM/yyyy"
```

times:

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"full": "a h:mm:ss Z",  
"long": "a h:mm:ss z",  
"medium": "a h:mm:ss z",  
"short": "a h:mm:ss z"
```

Clock: 12-hour

***Note**

We recommend displaying full string for the representation of the “day of the week” but the abbreviated representation is accepted only when there’s no enough space on the screen. Although all the above date formats are allowed, we recommend using long/full format rather than short/medium format if possible.

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