

SB Number:	SB 2H7-039	Creation Date: 29/07/2010
Subject:	Detailed information about maintenance mode U486	
Model:	TASKalfa250ci/300ci/400ci/500ci	

Please note that the maintenance mode **U486** (Setting colour/black & white operation mode) has been changed since firmware version 7.00. Please refer to the table below for the details.

	Before version 7.00			After version 7.00		
Mode	Operation	Transfer belt release	Process speed switch	Operation	Transfer belt release	Process speed switch
Mode1	This mode is suitable for the user with high monochrome printing rate and low mixed printing rate in colour and monochrome when continuously printing. Every time when colour and monochrome are switched, process control is also switched.	Yes	Yes	This mode is suitable for the user with high monochrome printing rate and low mixed printing rate in colour and monochrome when continuously printing. After it was switched to colour, monochrome printing is performed with the process speed for colour, and other process operations are switched.	Yes	No
Mode2	This mode is suitable for the user with high monochrome printing rate and high mixed printing rate in colour and monochrome when continuously printing. After it was switched to colour, monochrome printing is performed with the process speed for colour, and other process operations are switched.	Yes	No	This mode is suitable for the user with high monochrome printing rate and high mixed printing rate in colour and monochrome when continuously printing. Even if a monochrome printing request is received during colour printing, colour printing is continued up to 10 sheets. Afterwards, colour operation is switched to monochrome operation (stop of colour process).	No	No
Mode3	This mode is suitable for the user with high colour printing rate. After it was switched to colour, monochrome printing is performed with the colour process operation (including process speed).	No	No	This mode has not been changed.	No	No

Mode4	This mode is suitable for the user with high colour printing rate and high mixed printing rate in colour and monochrome when printing small amount. All printing jobs are handled with the colour process.	No	No	This mode has been discontinued since firmware version 6.03.	-	-
Auto	According to the operating status of the user, mode 1 to mode 3 will be automatically selected. The mode will be determined depending on the proportion of colour to monochrome and the switching rate in the specific time period.	-	-	This mode has not been changed.	-	-

Auto mode details

This mode will be selected when continues printing (including 1 sheet print jobs) is completed after more than 1000 sheets have been printed since the last check.

Check criteria: The number of the colour printed sheets and number of the colour/monochrome switching times in the specific time period.

Number of colour print-outs	Number of colour/monochrome switching times.	Mode
70% and more	-	Mode3
30% or less	12% and more	Mode2
30% or less	Less than 12%	Mode1
Default		Mode2

Additional notes

The default **mode 2** has been changed considerably since **firmware version 7.00**. When the originals are mixed (colour and monochrome) the machine will operate in colour mode if up to 10 originals were continuously printed in monochrome. Due to the above mentioned changes, it may be possible that the waste toner amount may increase depending on how the machine is used. In this case **Mode1** should be selected. This however may decrease the productivity. Please note that new **Mode1** setting functions in the same as way as **Mode2** of older firmware than **version 7.00**.

Classification	<input type="checkbox"/> Entire stock rework	<input type="checkbox"/> In-field modification at next visit	<input type="checkbox"/> In-field modification by case	<input checked="" type="checkbox"/> No modification necessary
Field measure	No problems are expected.			