MENU STRUCTURE

a_menu_handler()

switch(menu)	->	case MENU_MAIN	->	a_itm_handler()			return menu
		case MENU_SETTINGS	->	a_itm_handler()			
		case MENU_BACK	->	if (menu-1 > MENU_MAIN)		menu--	

a_itm_handler()

if is_pressed_btn_A	->	if menu=MENU_MAIN	->	btn_ab_itm(true)			return
		elseif menu=MENU_SETTINGS	->	btn_ab_settings(true)			
if is_pressed_btn_B	->	if menu=MENU_MAIN	->	btn_ab_itm(false)			
		elseif menu=MENU_SETTINGS	->	btn_ab_settings(false)			
if is_pressed_btn_X	->	if menu=MENU_MAIN	->	btn_xy_itm(true)			
		elseif menu=MENU_SETTINGS	->	btn_xy_settings(true)			
if is_pressed_btn_Y	->	if menu=MENU_MAIN	->	btn_xy_itm(false)			
		elseif menu=MENU_SETTINGS	->	btn_xy_settings(false)			

btn_ab_itm(bool dr)

switch(itm)	->	case ITM_SECONDS	->	decr_inc_datetime(dr); upd_app_time(); set_datetime();			return true;
		case ITM_MINUTES					
		case ITM_HOURS					
		case ITM_WEEKDAY					
		case ITM_DATE					
		case ITM_MONTH					
		case ITM_YEAR					
		case ITM_RESET	->	if (overall_reset)	->	encoder_reset();	
			->	else	->	reset_clk();	

		case MENU_SETTINGS	->	btn_msgd("menu settings, 0");
				cout "btn_ab_itm(): menu ...";
				pr_in_which_menu();			

		case ITM_HELP	->	btn_help();			
		default	->	not_yet(true);			

btn_ab_settings(bool disp)

switch(sett_itm)	->	case SETT_LED	->	success = backup_to_EP();		->	return success;
		case SETT_12HR	->	success = backup_to_EP();			
		case SETT_ALRM	->	success = backup_to_EP();			
		case SETT_TIMR	->	success = backup_to_EP();			
		case SETT_BGND	->	set_background(); nsuccess = backp_to_EP();			
		case SETT_FGND	->	set_foreground(); success = backp_to_EP();			
		case SETT_ENC	->	success = encoder_doit();			
		case SETT_BACK	->	menu = MENU_MAIN			
		default	->	not_yet(disp);			

btn_xy_itm(bool dr);

cout "btn_xy_itm(): "					
if (dr == false)	->	itm -= 1			
		if (itm < ITM_MINUTES)	->	itm = ITM_HELP	
else if (dr == true)	->	sett_itm += 1			
		if (itm > SETT_HELP)	->	itm = ITM_MINUTES	
pr_itmsel();					
UltItmChgdTime= rtc.getUNIX();					

btn_xy_settings(bool dr);

cout "btn_xy_settings(): "					
if (dr == false)		sett_itm -= 1			
	->	if (sett_itm < SETT_LED)	->	set_itm = SETT_BACK	
else if (dr == true)		sett_itm += 1			
	->	if (sett_itm > SETT_BACK)	->	set_itm = SETT_LED	
pr_itmsel();					
UltItmChgdTime= rtc.getUNIX();					